

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
 Data File : BE099447.D
 Acq On : 1 May 2019 4:14
 Operator : JU/SJ
 Sample : K2568-08MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW045-042219MSD

Manual Integrations
 APPROVED

Sohil
 5/1/2019 12:03:27 PM

Quant Time: May 01 07:26:07 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 29 18:36:43 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2345	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8674	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6324	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	20522	0.40	ng	0.00
27) Chrysene-d12	21.37	240	28346	0.40	ng	0.00
34) Perylene-d12	23.86	264	33182	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2450	0.38	ng	0.00
5) Phenol-d6	6.97	99	3589	0.42	ng	0.00
8) Nitrobenzene-d5	8.96	82	2860	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	5419m	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1766	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	8183	0.34	ng	-0.01
25) Fluoranthene-d10	19.22	212	104706	0.38	ng	0.00
29) Terphenyl-d14	19.82	244	22601	0.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	862	0.267	ng	# 53
3) n-Nitrosodimethylamine	3.64	42	596	0.307	ng	# 81
6) bis(2-Chloroethyl)ether	7.23	93	2574	0.346	ng	98
9) Naphthalene	10.65	128	35104	0.371	ng	100
10) Hexachlorobutadiene	10.93	225	2100	0.319	ng	99
12) 2-Methylnaphthalene	12.27	142	6223	0.379	ng	98
16) Acenaphthylene	14.18	152	12126	0.392	ng	98
17) Acenaphthene	14.51	154	6504	0.368	ng	97
18) Fluorene	15.49	166	10000	0.384	ng	100
20) 4-Bromophenyl-phenylether	16.39	248	4059	0.340	ng	# 90
21) Hexachlorobenzene	16.49	284	4123	0.362	ng	99
22) Pentachlorophenol	16.84	266	5820	1.065	ng	98
23) Phenanthrene	17.23	178	26537	0.501	ng	99
24) Anthracene	17.32	178	21167	0.419	ng	99
26) Fluoranthene	19.25	202	48181	0.607	ng	99
28) Pyrene	19.61	202	50587	0.685	ng	98
30) Benzo(a)anthracene	21.34	228	51553	0.571	ng	96
31) Chrysene	21.40	228	47356	0.536	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	83243	0.582	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	50516	0.484	ng	99
35) Benzo(b)fluoranthene	23.09	252	48323	0.505	ng	# 95
36) Benzo(k)fluoranthene	23.14	252	43124	0.467	ng	# 92
37) Benzo(a)pyrene	23.75	252	44546	0.492	ng	# 98
38) Dibenzo(a,h)anthracene	26.53	278	38316	0.414	ng	98
39) Benzo(g,h,i)perylene	27.32	276	43531	0.470	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

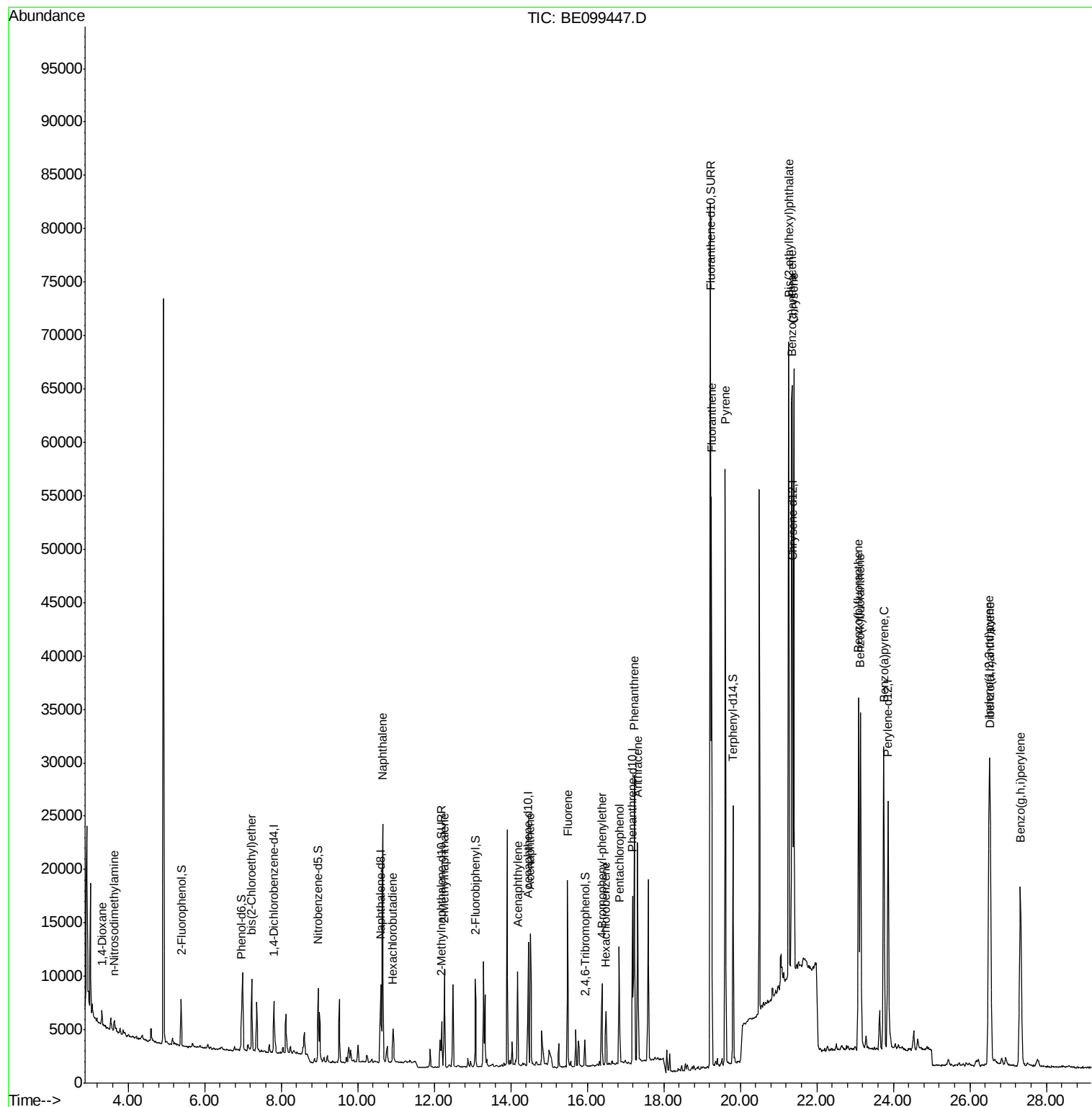
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
Data File : BE099447.D
Acq On : 1 May 2019 4:14
Operator : JU/SJ
Sample : K2568-08MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

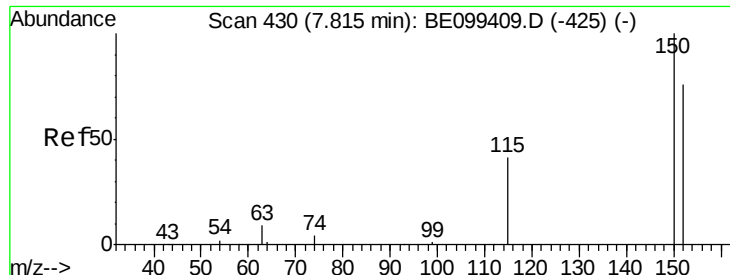
Instrument :
BNA_E
ClientSampleId :
EXT-026-SW045-042219MSD

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM

Quant Time: May 01 07:26:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099447.D

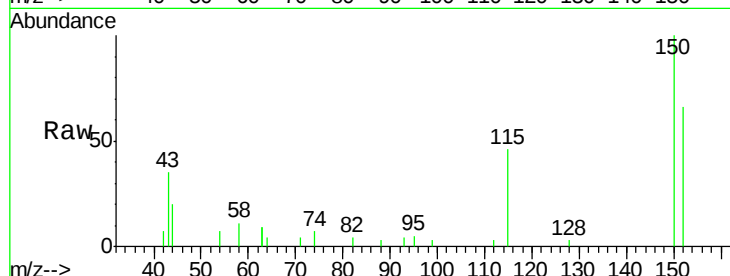
Acq: 1 May 2019 4:14

Instrument :

BNA_E

ClientSampleId :

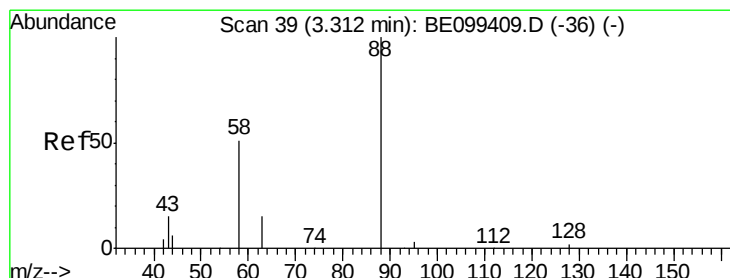
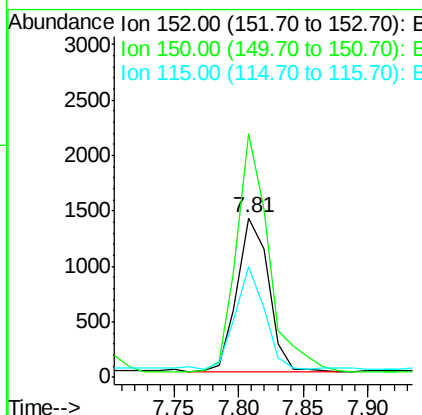
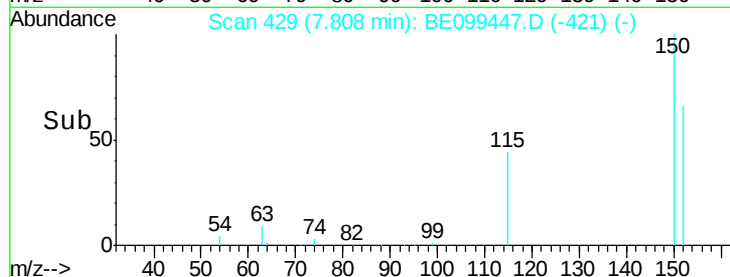
EXT-026-SW045-042219MSD



Tgt Ion:	152	Resp:	2345
Ion Ratio	Lower	Upper	
152	100		
150	152.6	104.8	157.2
115	69.5	46.6	69.8

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM



#2

1,4-Dioxane

Concen: 0.267 ng

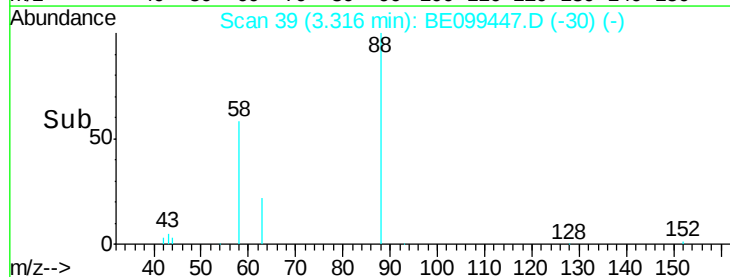
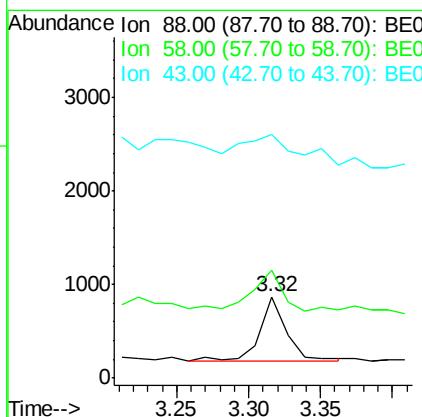
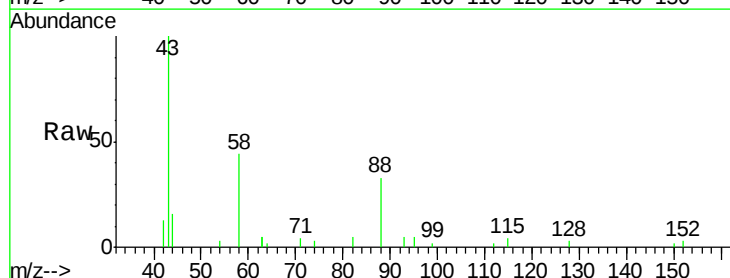
RT: 3.32 min Scan# 39

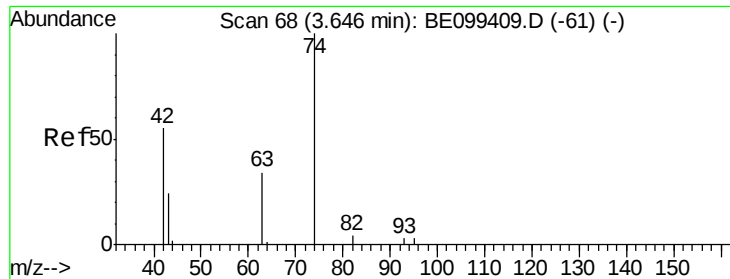
Delta R.T. 0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Tgt Ion:	88	Resp:	862
Ion Ratio	Lower	Upper	
88	100		
58	68.1	51.0	76.6
43	101.7	20.6	30.8#





#3

n-Nitrosodimethylamine

Concen: 0.307 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Instrument :

BNA_E

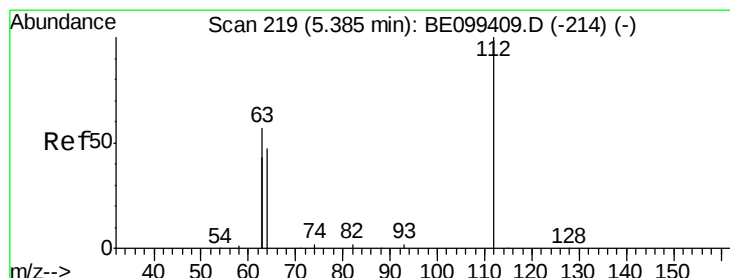
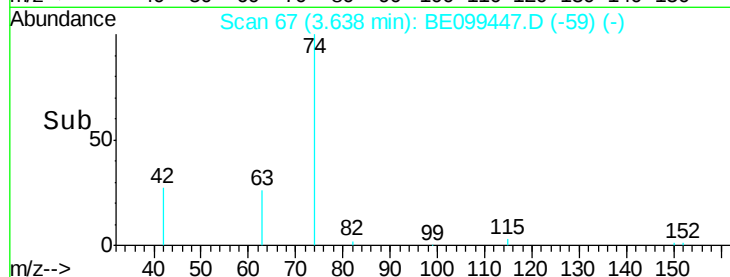
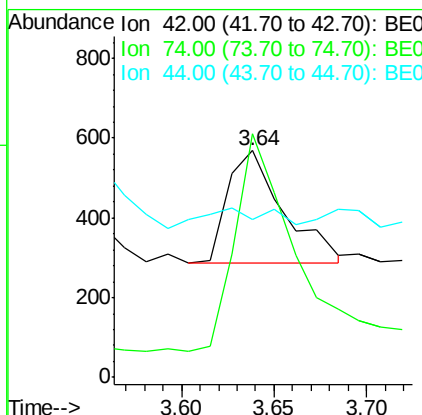
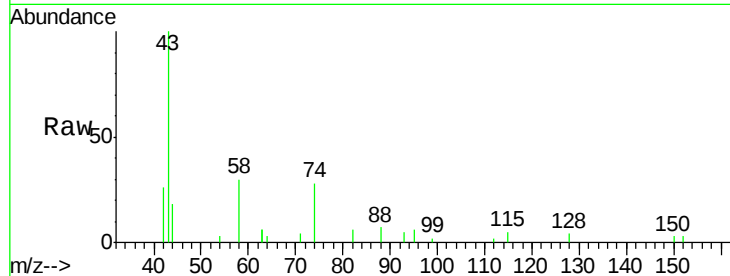
ClientSampleId :

EXT-026-SW045-042219MSD

Tgt Ion:	42	Resp:	596
Ion Ratio	Lower	Upper	
42	100		
74	203.0	141.6	212.4
44	22.7	0.0	0.0#

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM



#4

2-Fluorophenol

Concen: 0.378 ng

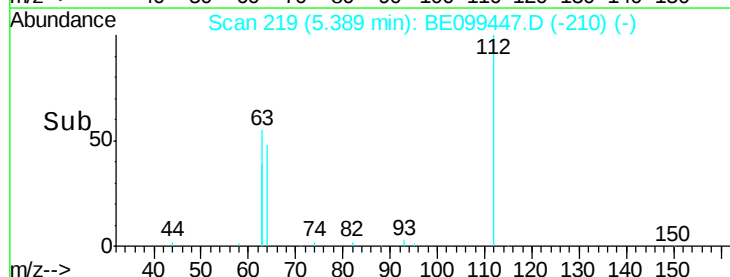
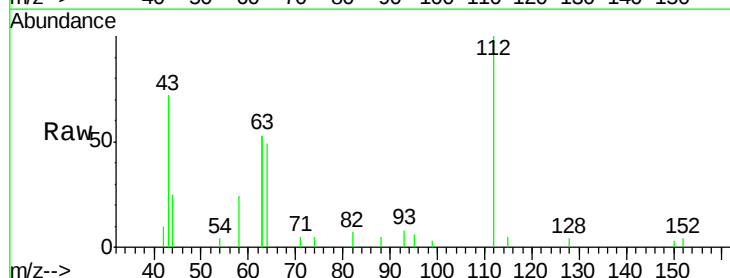
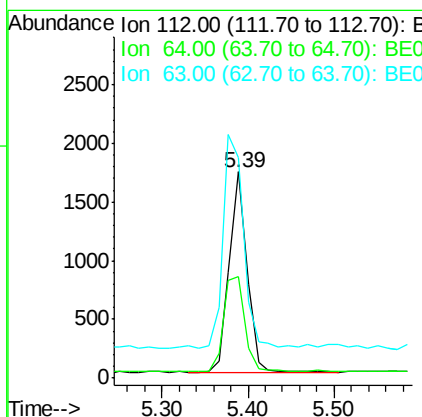
RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Tgt Ion:	112	Resp:	2450
Ion Ratio	Lower	Upper	
112	100		
64	57.3	47.4	71.0
63	124.4	104.3	156.5





#5

Phenol-d6

Concen: 0.416 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Instrument :

BNA_E

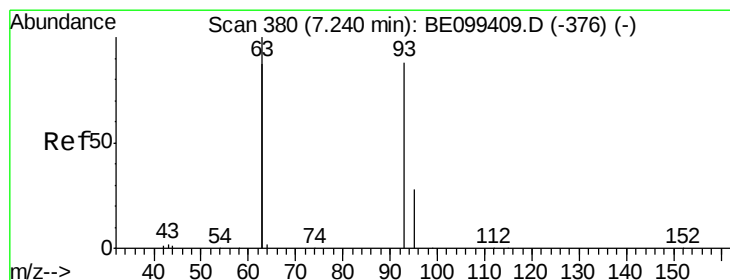
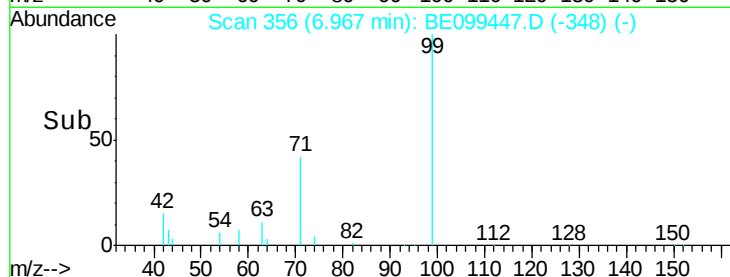
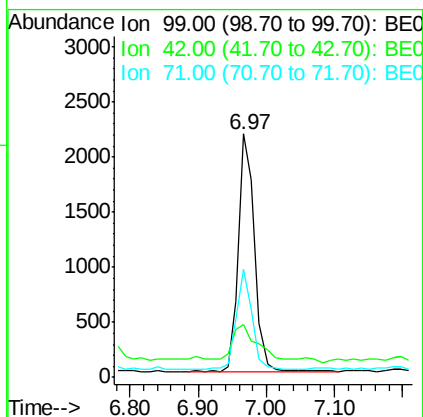
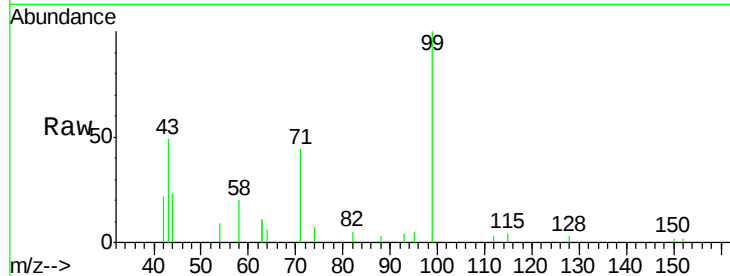
ClientSampleId :

EXT-026-SW045-042219MSD

Tgt Ion:	99	Resp:	3589
Ion Ratio	Lower	Upper	
99	100		
42	20.6	14.9	22.3
71	40.2	33.0	49.6

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.346 ng

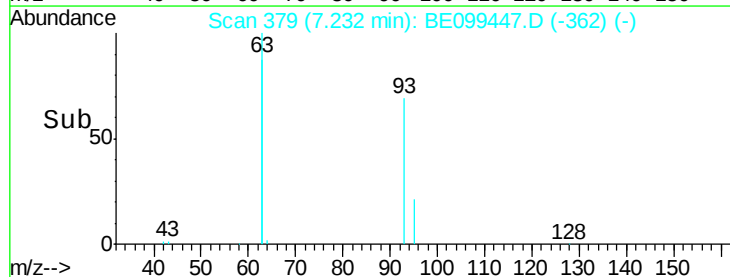
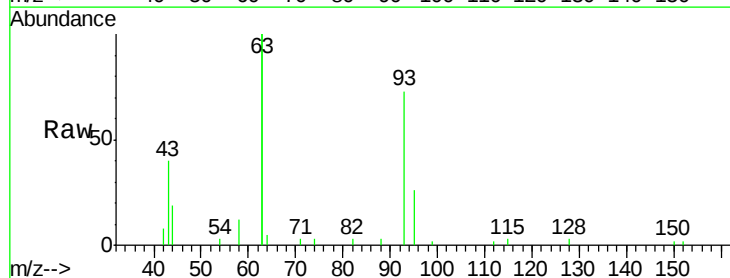
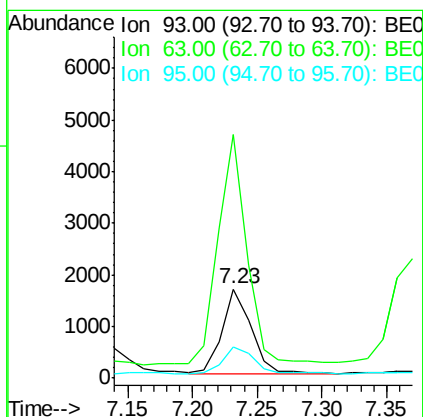
RT: 7.23 min Scan# 379

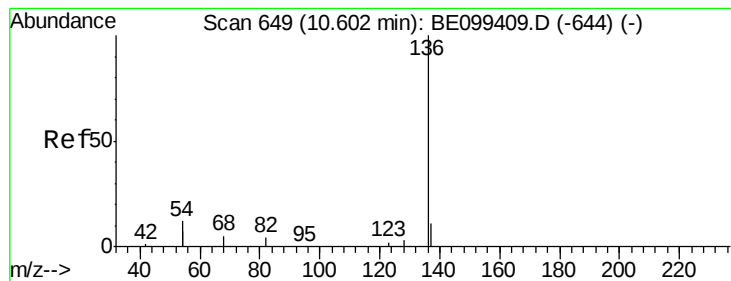
Delta R.T. -0.01 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Tgt Ion:	93	Resp:	2574
Ion Ratio	Lower	Upper	
93	100		
63	266.1	215.6	323.4
95	34.5	26.2	39.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Instrument :

BNA_E

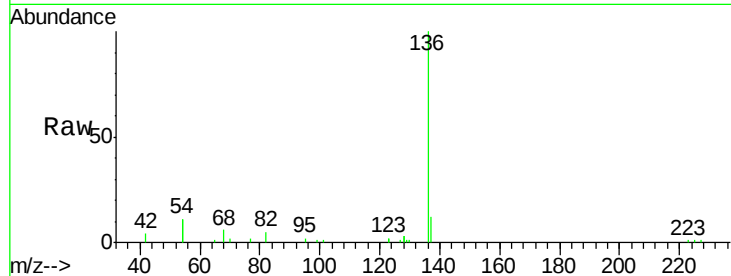
ClientSampleId :

EXT-026-SW045-042219MSD

Tgt Ion:	136	Resp:	8674
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.8	14.8
54	22.5	18.5	27.7
68	6.4	4.7	7.1

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM

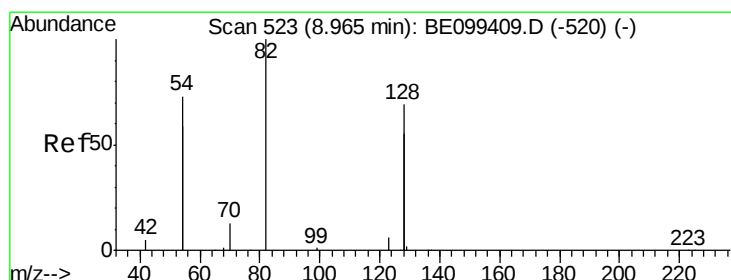
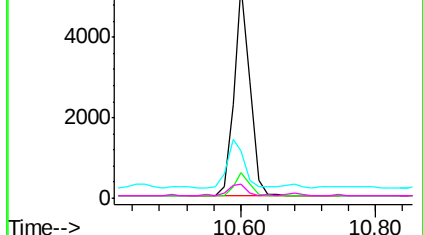
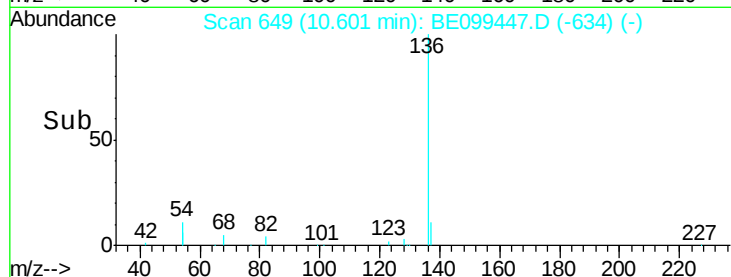


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.352 ng

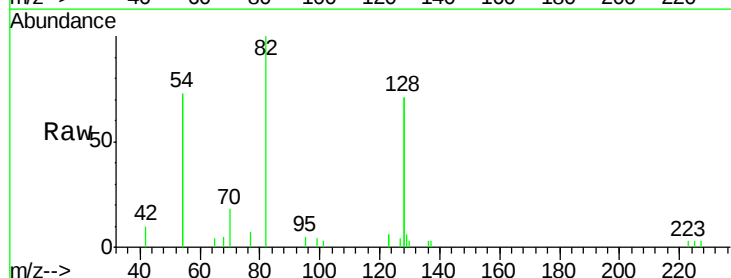
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

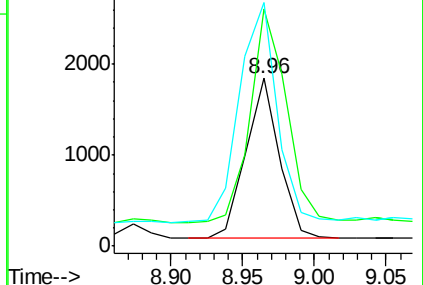
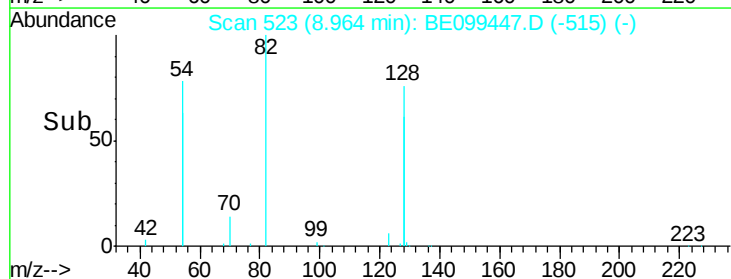
Tgt Ion:	82	Resp:	2860
Ion Ratio	Lower	Upper	
82	100		
128	141.7	107.0	160.4
54	145.4	113.1	169.7

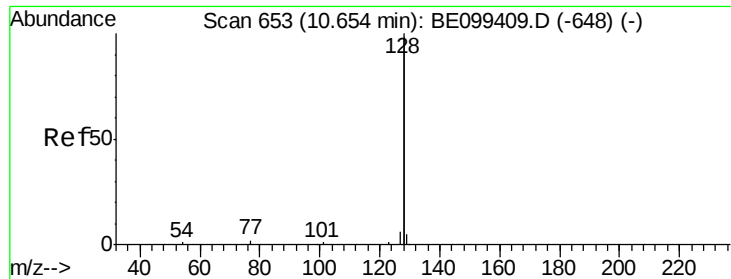


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.371 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Instrument :

BNA_E

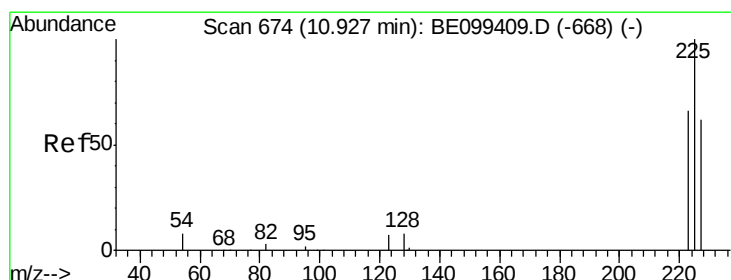
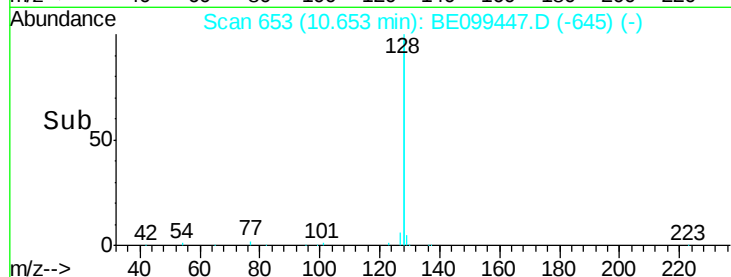
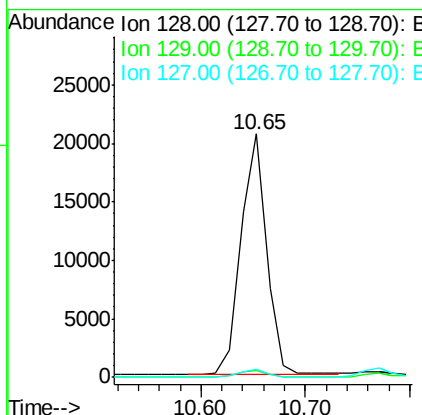
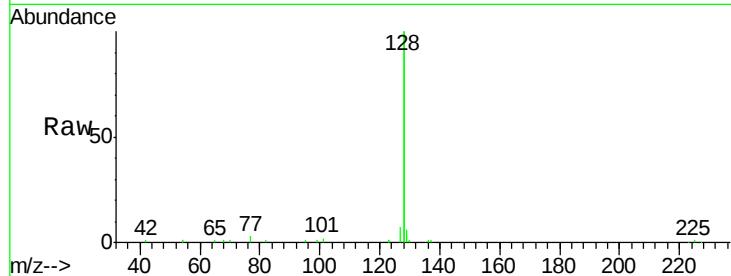
ClientSampleId :

EXT-026-SW045-042219MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	35104		
129	2.9		2.4	3.6
127	3.4		2.8	4.2

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM



#10

Hexachlorobutadiene

Concen: 0.319 ng

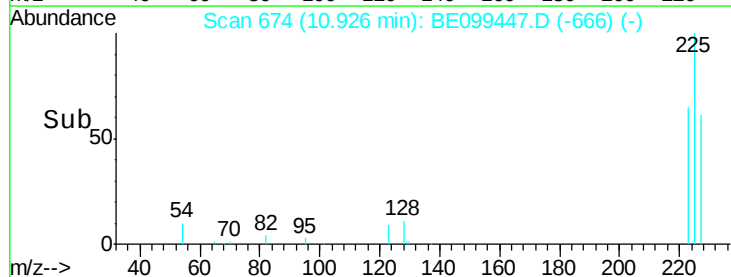
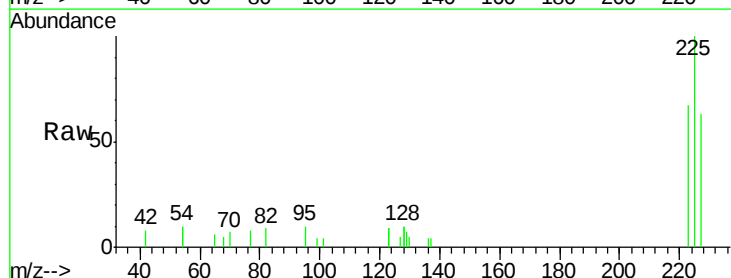
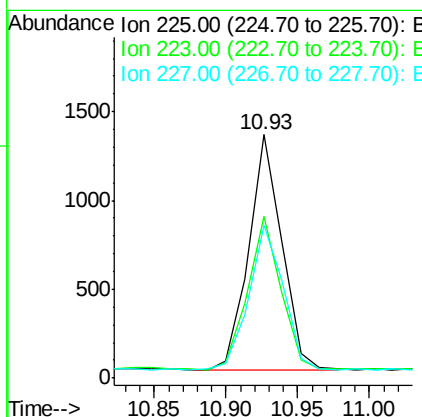
RT: 10.93 min Scan# 674

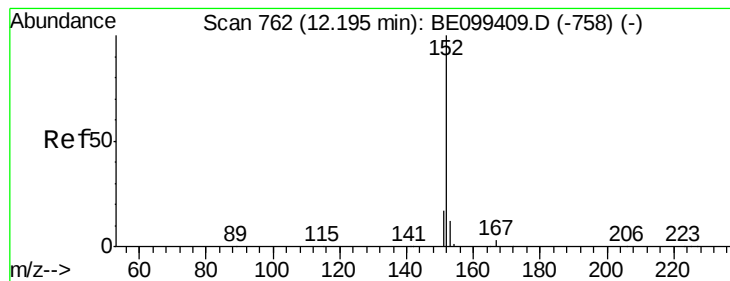
Delta R.T. -0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	2100		
223	65.1		51.0	76.6
227	64.1		50.9	76.3





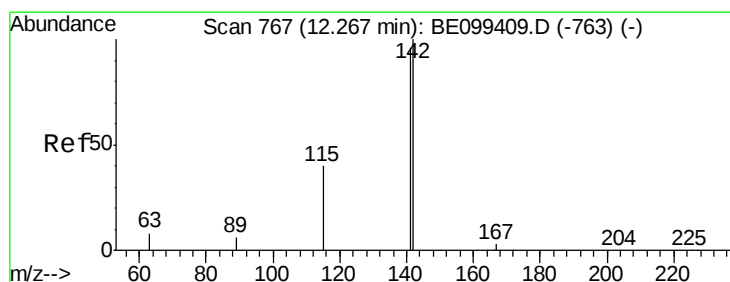
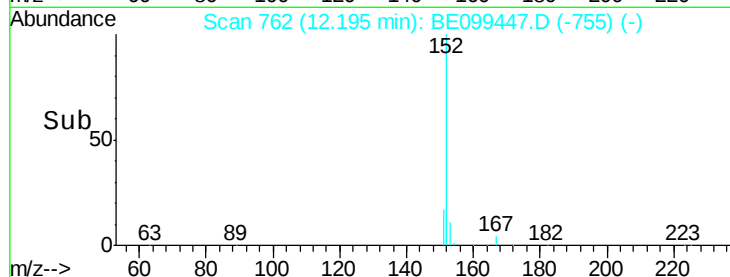
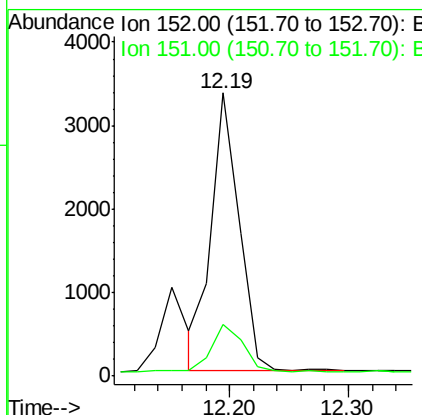
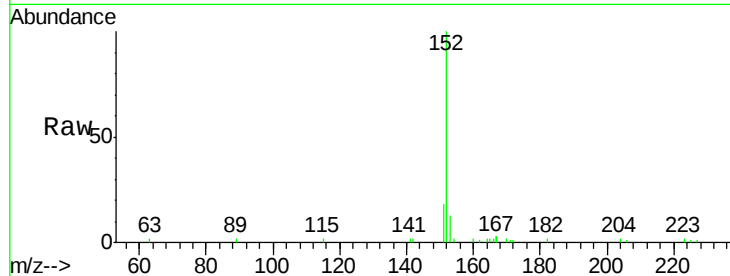
#11
 2-Methylnaphthalene-d10
 Concen: 0.347 ng m
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099447.D
 Acq: 1 May 2019 4:14

Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW045-042219MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3

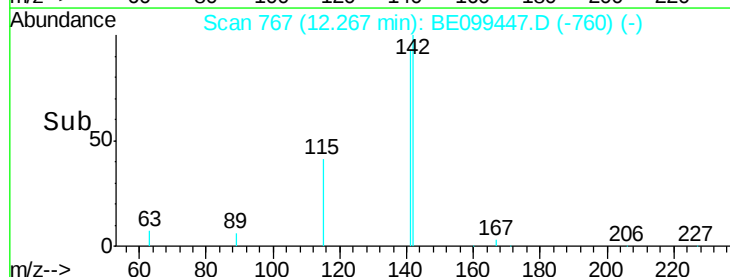
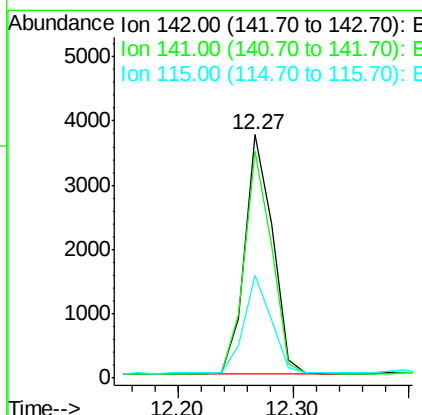
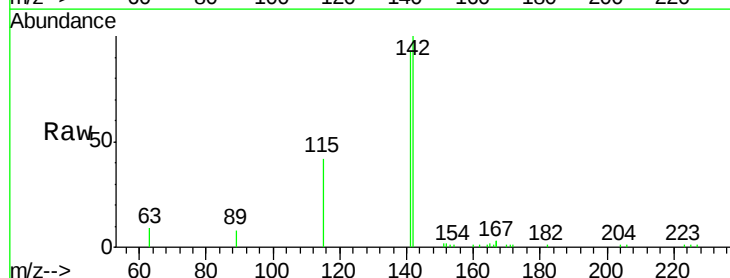
Manual Integrations
 APPROVED

Sohil
 5/1/2019 12:03:27 PM



#12
 2-Methylnaphthalene
 Concen: 0.379 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099447.D
 Acq: 1 May 2019 4:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	77.0	115.4
115	42.0	33.4	50.0





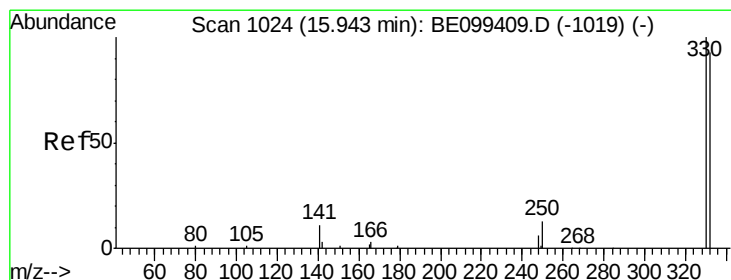
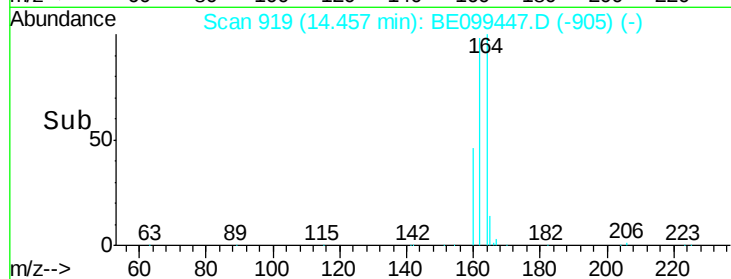
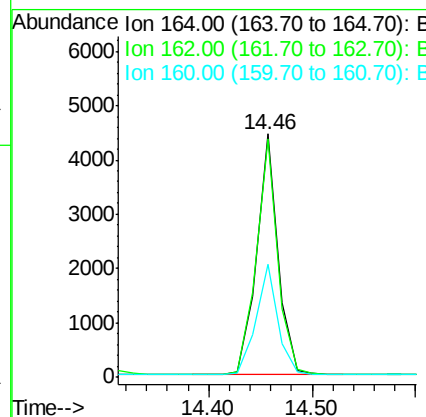
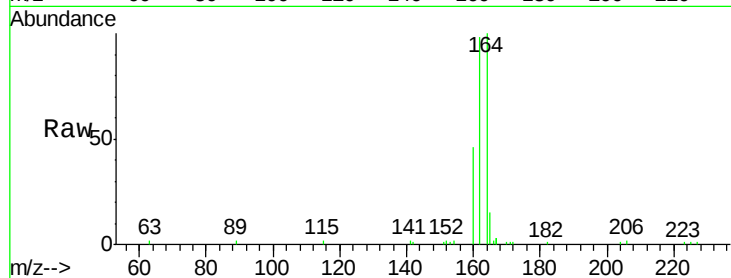
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099447.D
 Acq: 1 May 2019 4:14

Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW045-042219MSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.0	118.4
160	46.2	37.0	55.4

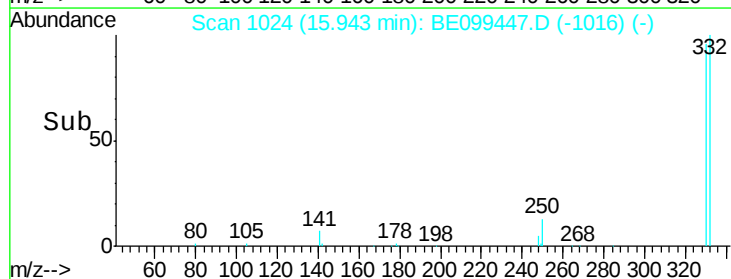
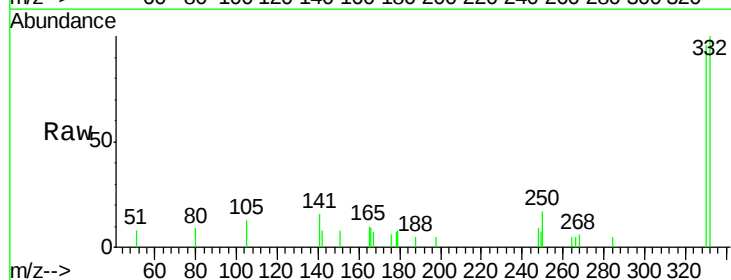
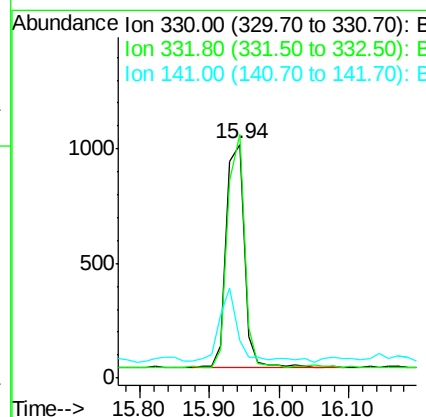
Manual Integrations
 APPROVED

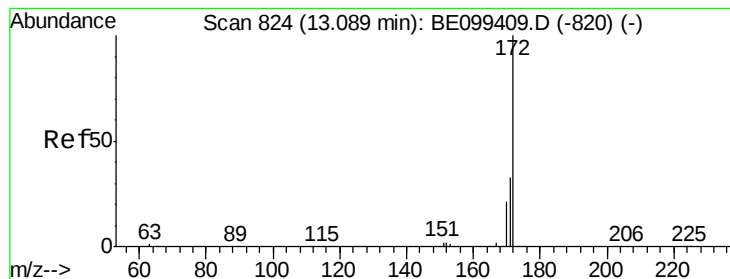
Sohil
 5/1/2019 12:03:27 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.443 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099447.D
 Acq: 1 May 2019 4:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	71.5	107.3
141	34.9	24.0	36.0





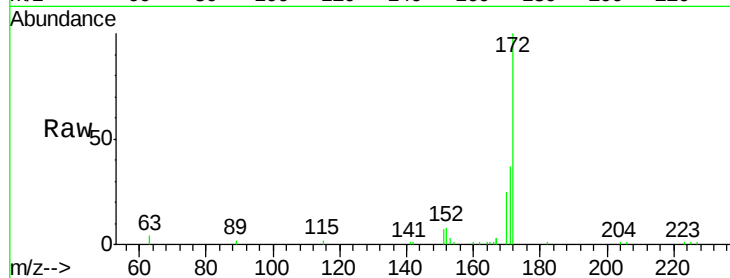
#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099447.D
Acq: 1 May 2019 4:14

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW045-042219MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.6	39.8
170	25.0	17.0	25.6

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM

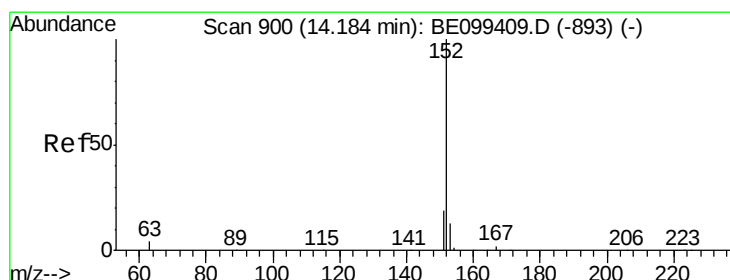
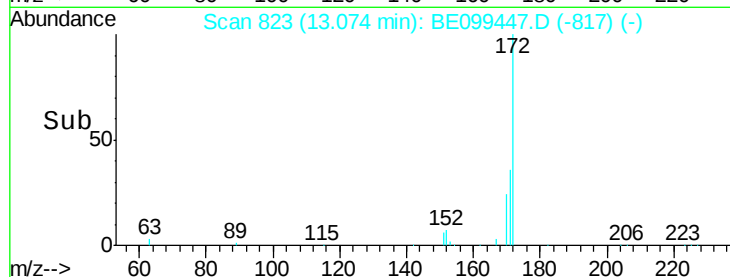
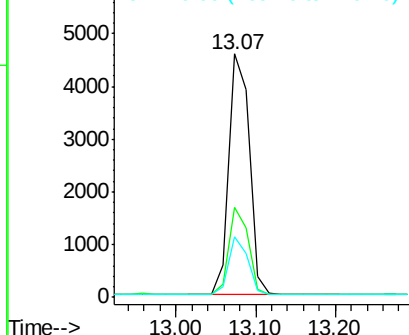


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099447.D
Acq: 1 May 2019 4:14

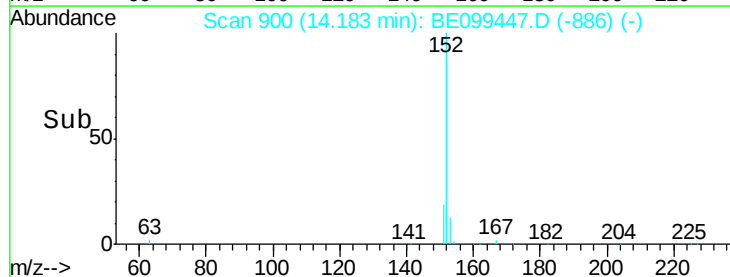
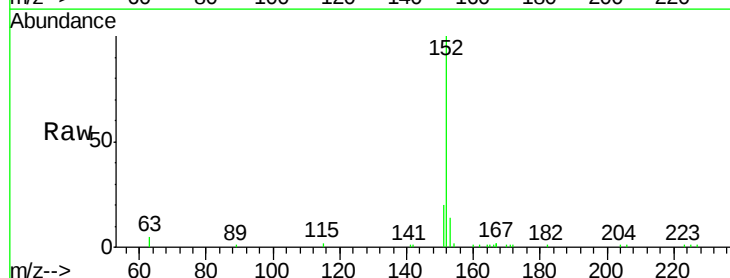
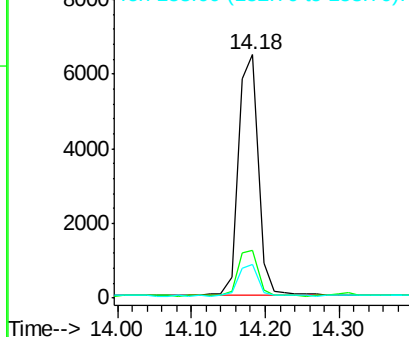
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.5	9.8	14.6

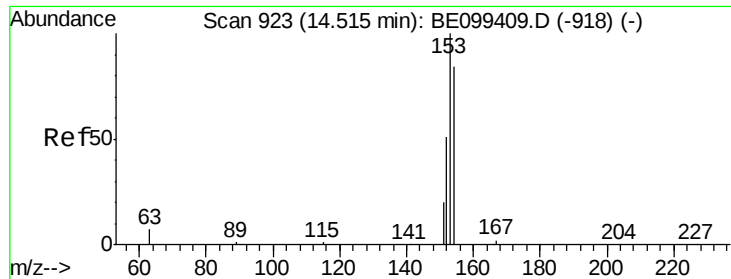
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





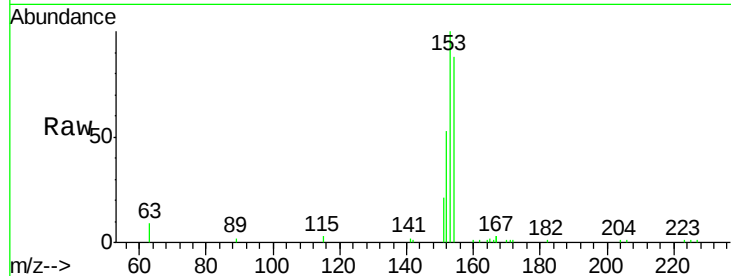
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099447.D
Acq: 1 May 2019 4:14

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW045-042219MSD

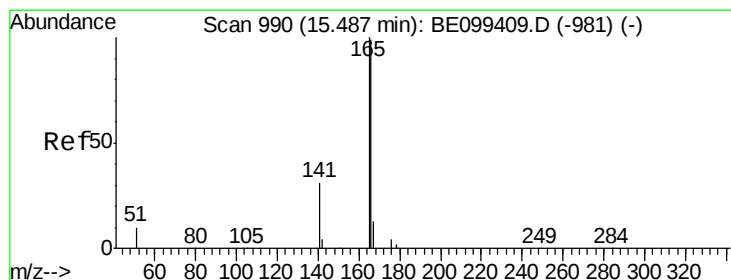
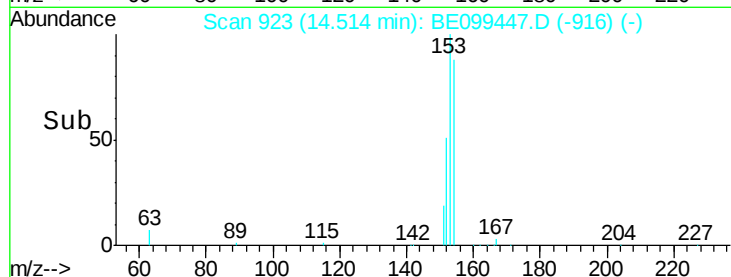
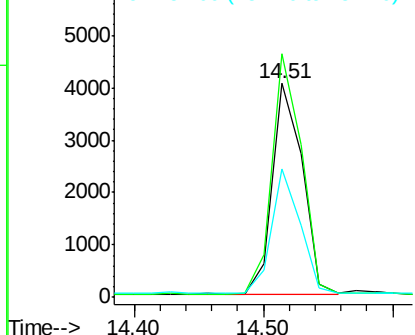
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	92.6	138.8
152	56.2	45.8	68.8

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM



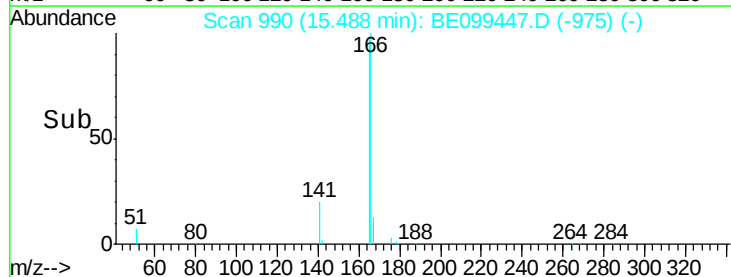
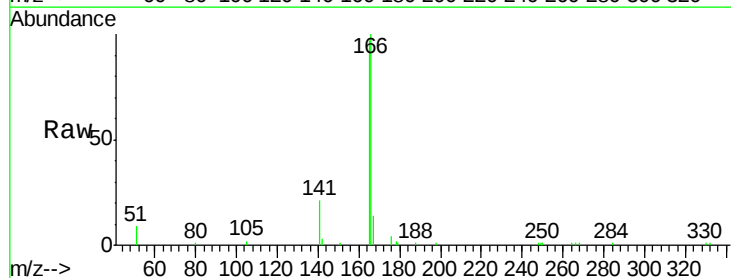
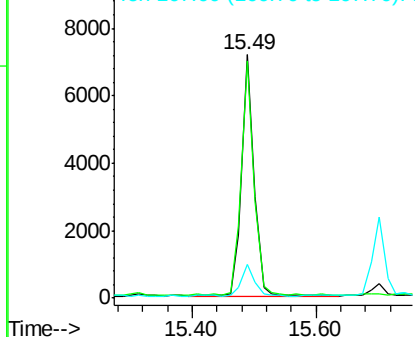
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

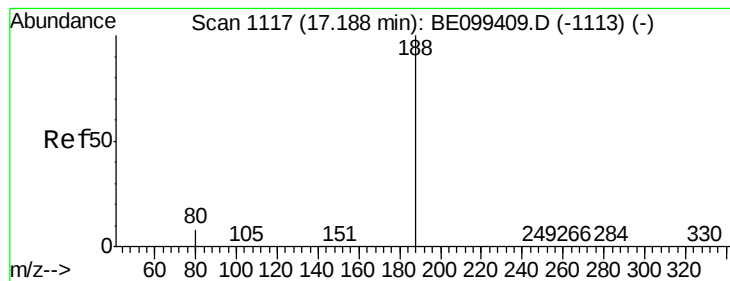


#18
Fluorene
Concen: 0.384 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099447.D
Acq: 1 May 2019 4:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.3	120.5
167	13.4	10.7	16.1

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Instrument :

BNA_E

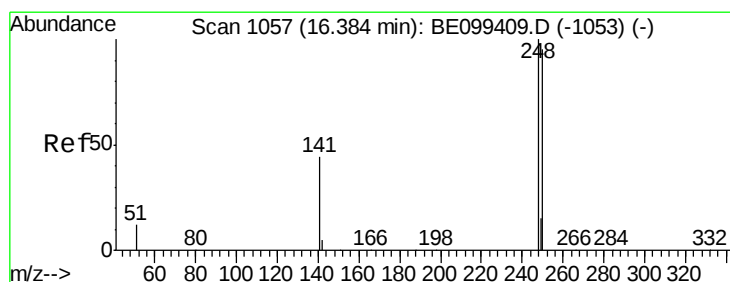
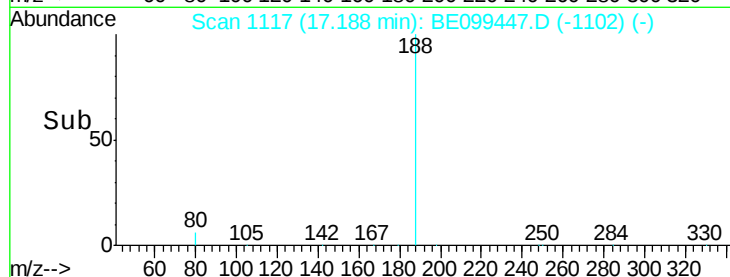
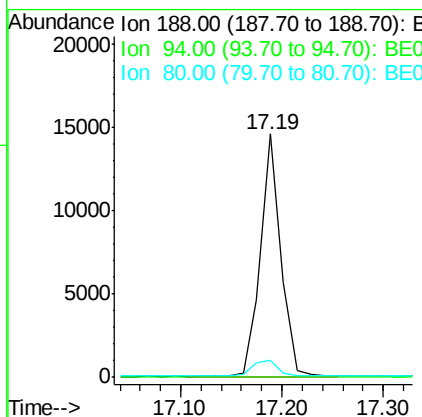
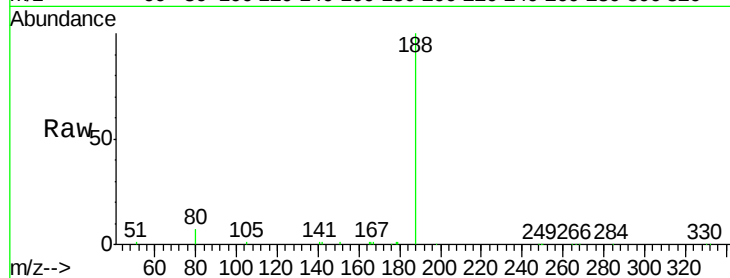
ClientSampleId :

EXT-026-SW045-042219MSD

Tgt Ion:	188	Resp:	20522
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.9	6.7	10.1

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM



#20

4-Bromophenyl-phenylether

Concen: 0.340 ng

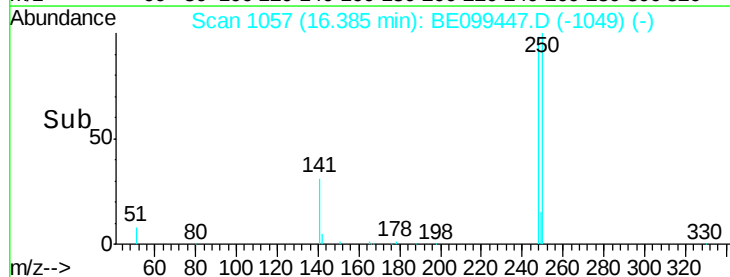
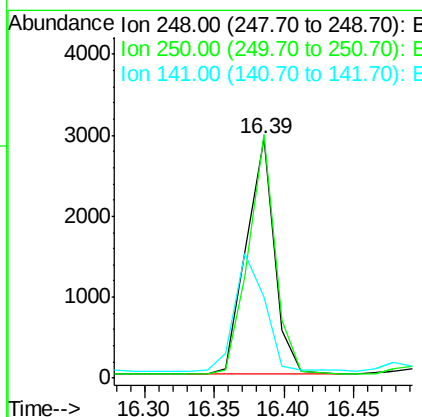
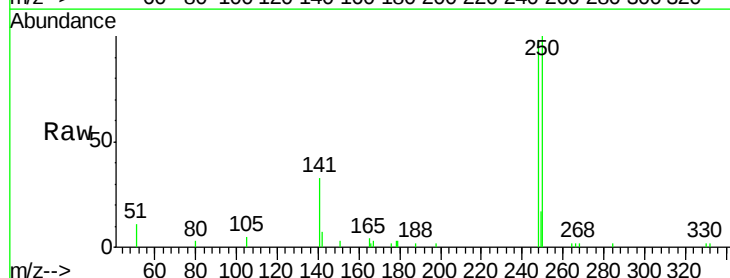
RT: 16.39 min Scan# 1057

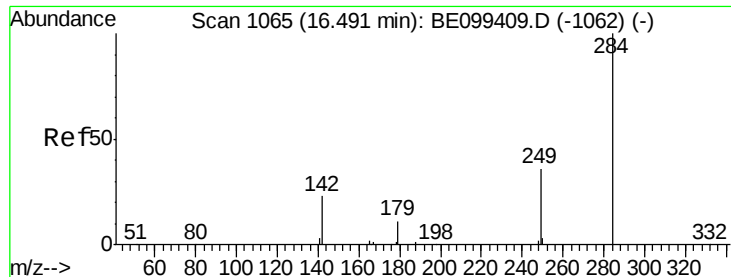
Delta R.T. 0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Tgt Ion:	248	Resp:	4059
Ion Ratio	Lower	Upper	
248	100		
250	101.8	75.8	113.8
141	33.9	35.7	53.5#





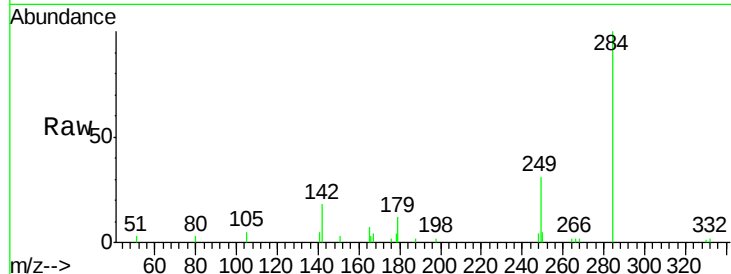
#21
Hexachlorobenzene
Concen: 0.362 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099447.D
Acq: 1 May 2019 4:14

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW045-042219MSD

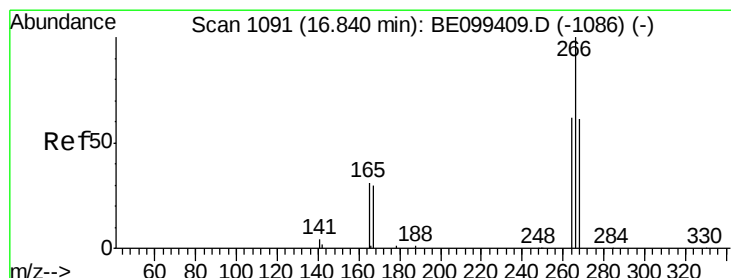
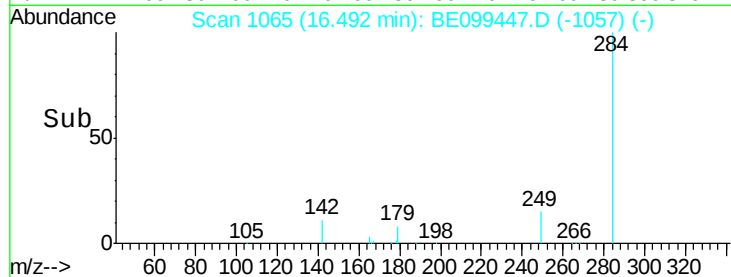
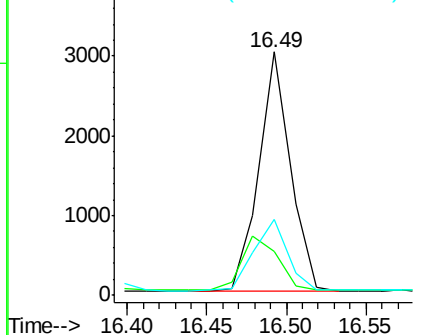
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.0	21.0	31.6
249	32.4	26.7	40.1

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM

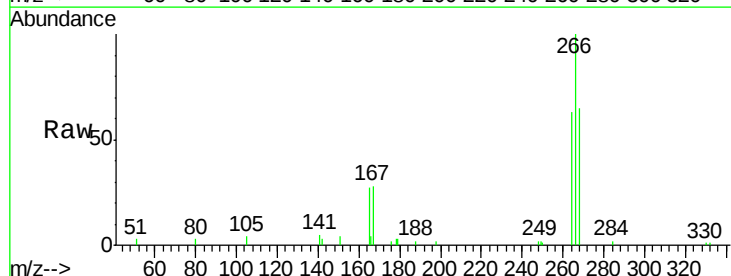


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

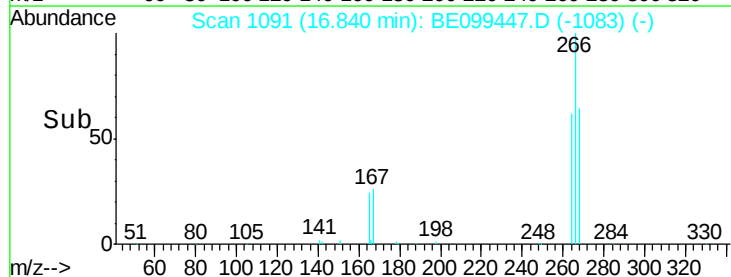
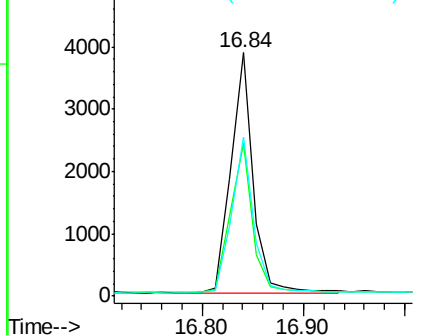


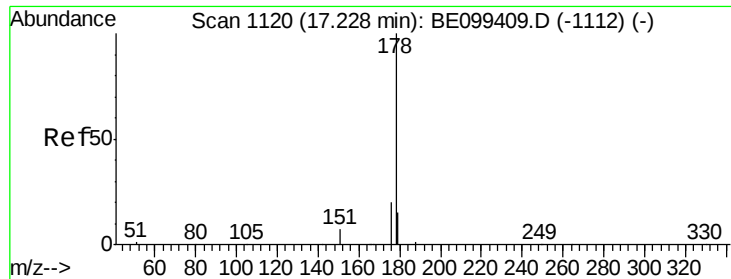
#22
Pentachlorophenol
Concen: 1.065 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099447.D
Acq: 1 May 2019 4:14

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.8	76.2
268	65.1	50.5	75.7



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.501 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Instrument :

BNA_E

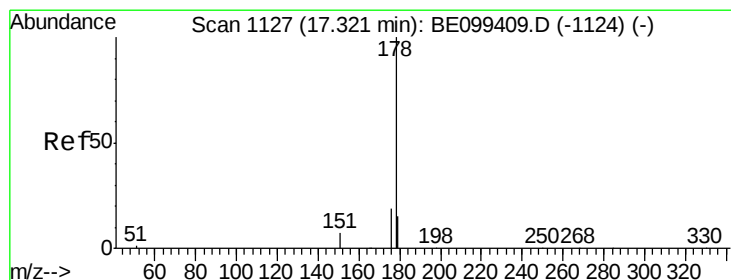
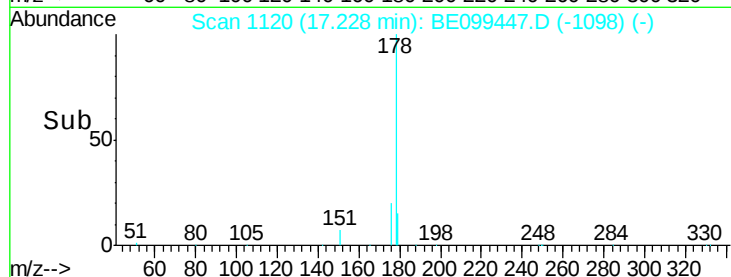
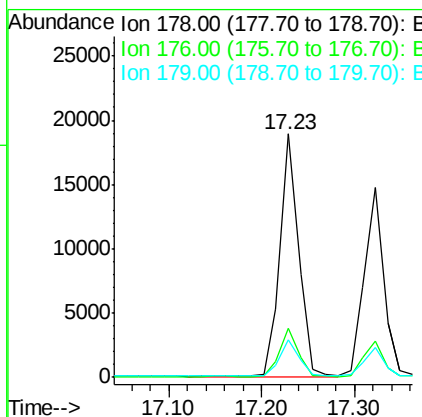
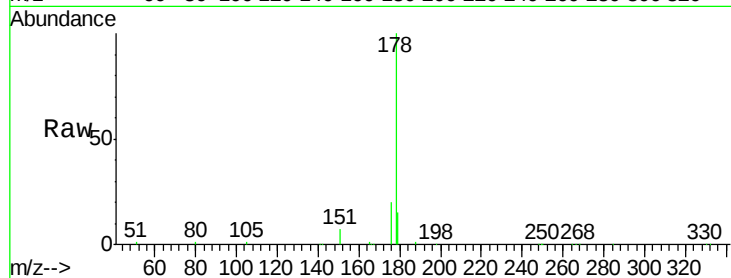
ClientSampleId :

EXT-026-SW045-042219MSD

Tgt Ion:	178	Resp:	26537
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.6	23.4
179	15.4	12.0	18.0

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM



#24

Anthracene

Concen: 0.419 ng

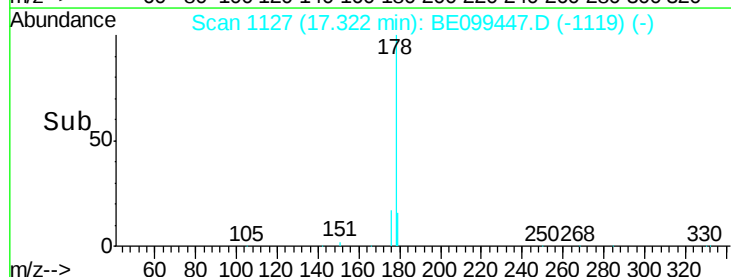
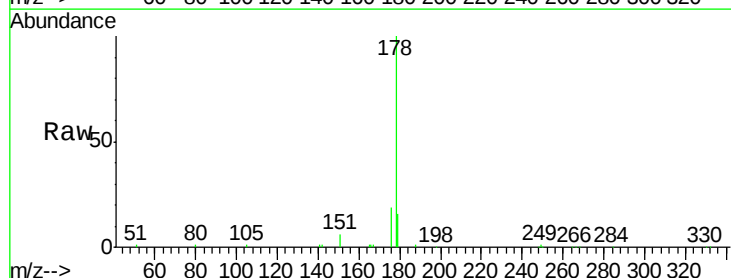
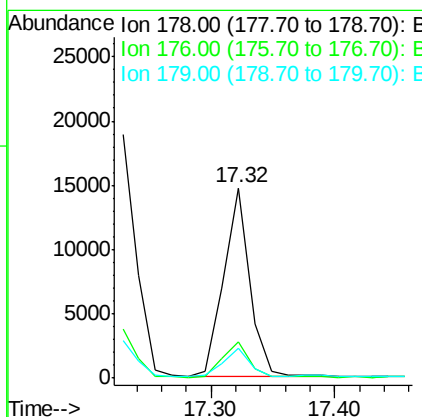
RT: 17.32 min Scan# 1127

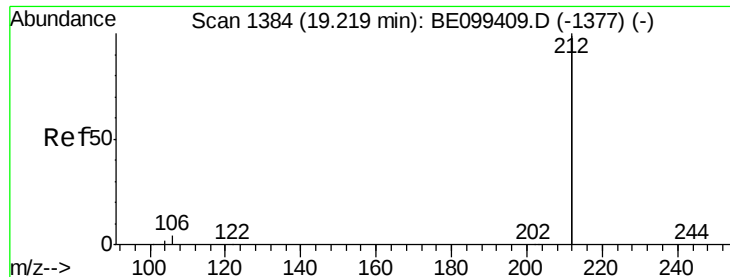
Delta R.T. 0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Tgt Ion:	178	Resp:	21167
Ion Ratio	Lower	Upper	
178	100		
176	19.2	14.9	22.3
179	15.3	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Instrument :

BNA_E

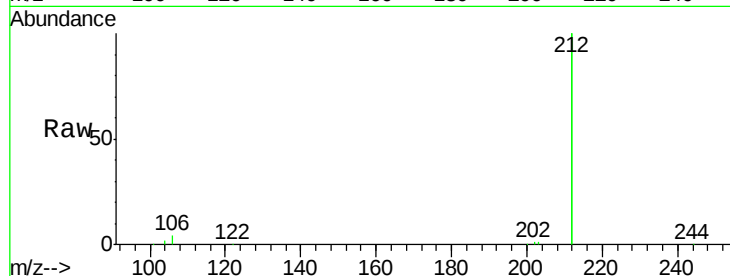
ClientSampleId :

EXT-026-SW045-042219MSD

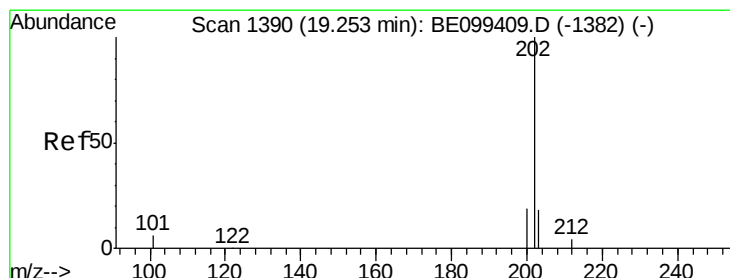
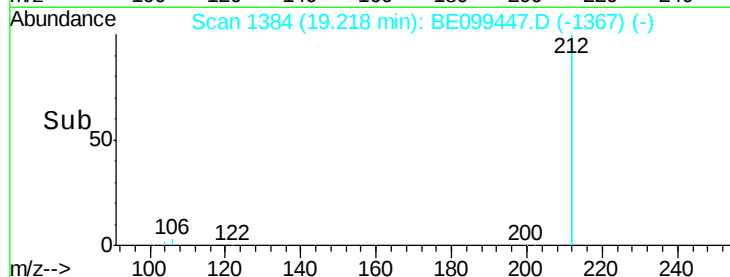
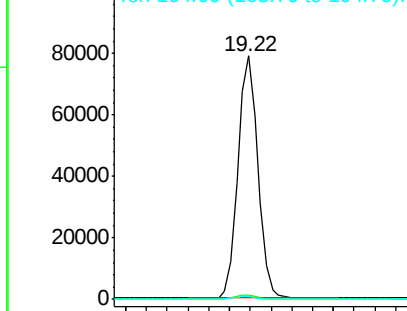
Tgt Ion:	212	Resp:	104706
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.5	2.3
104	1.1	0.9	1.3

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.607 ng

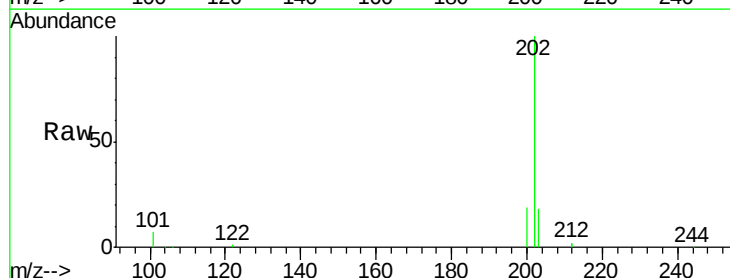
RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

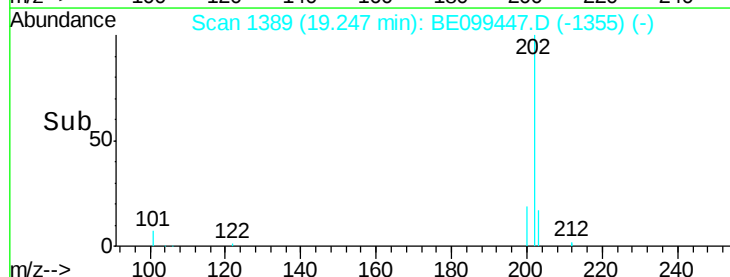
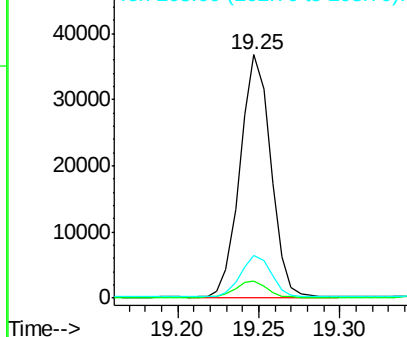
Lab File: BE099447.D

Acq: 1 May 2019 4:14

Tgt Ion:	202	Resp:	48181
Ion Ratio	Lower	Upper	
202	100		
101	6.9	5.4	8.0
203	17.2	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





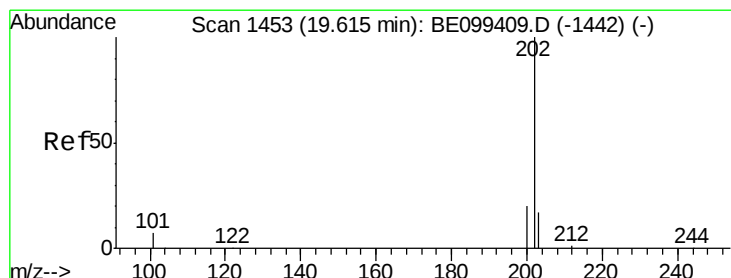
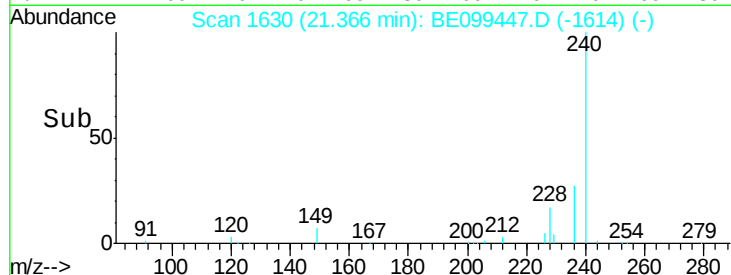
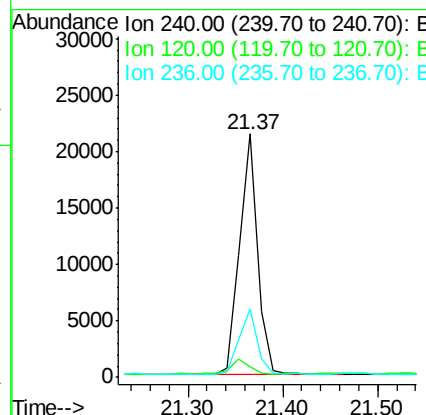
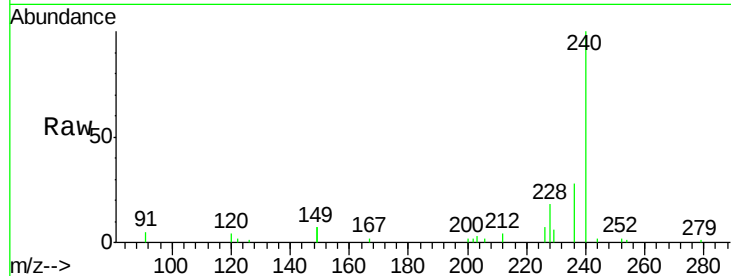
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099447.D
 Acq: 1 May 2019 4:14

Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW045-042219MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	28346		
120	4.3	4.0	6.0	
236	28.0	22.0	33.0	

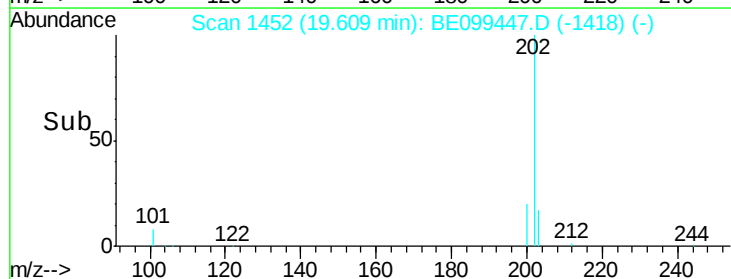
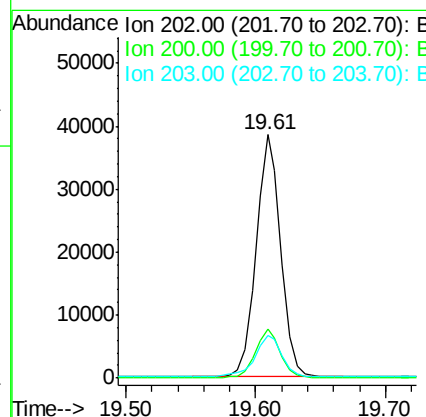
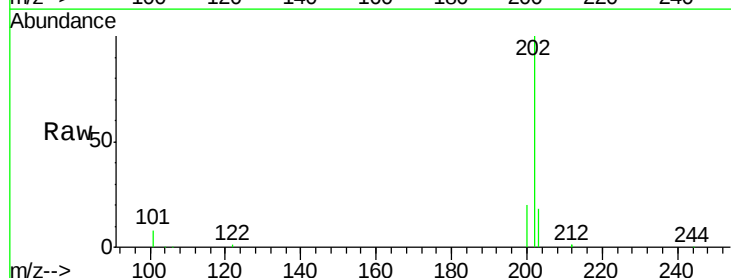
Manual Integrations
 APPROVED

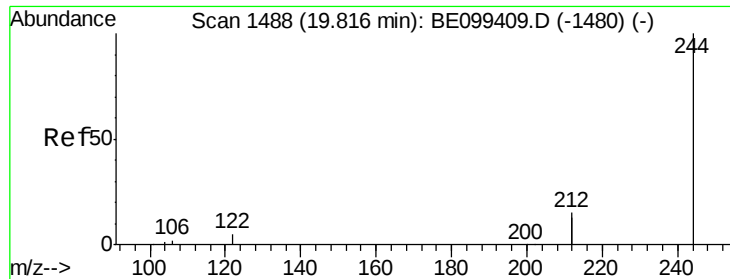
Sohil
 5/1/2019 12:03:27 PM



#28
 Pyrene
 Concen: 0.685 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BE099447.D
 Acq: 1 May 2019 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	50587		
200	19.7	15.7	23.5	
203	18.9	13.9	20.9	





#29

Terphenyl-d14

Concen: 0.435 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099447.D

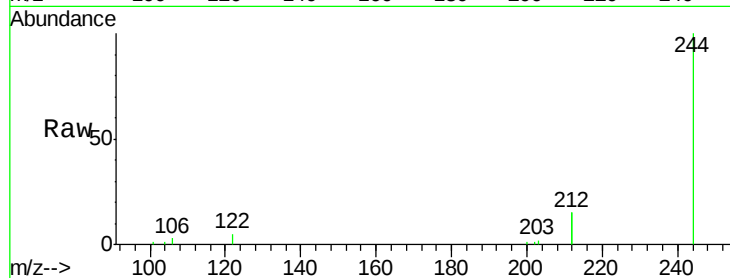
Acq: 1 May 2019 4:14

Instrument :

BNA_E

ClientSampleId :

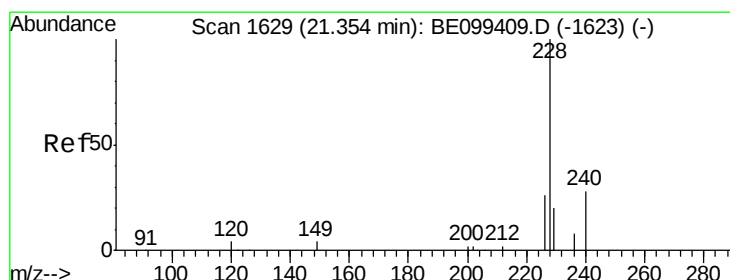
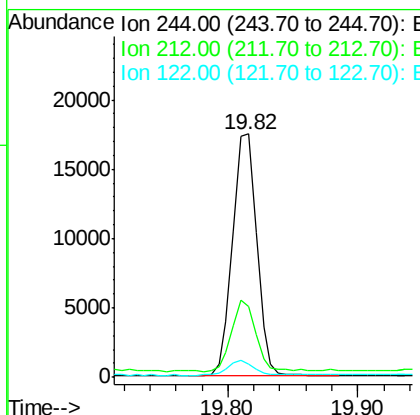
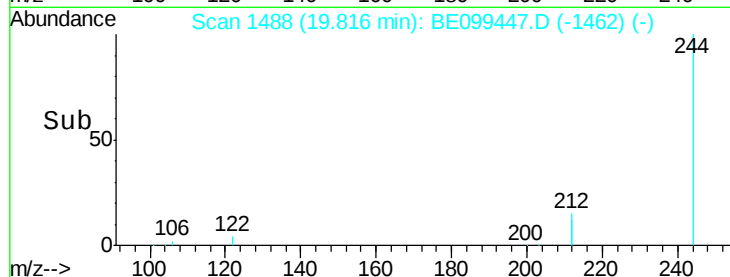
EXT-026-SW045-042219MSD



Tgt Ion:	244	Resp:	22601
Ion Ratio	Lower	Upper	
244	100		
212	29.3	23.2	34.8
122	5.4	4.2	6.4

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM



#30

Benzo(a)anthracene

Concen: 0.571 ng

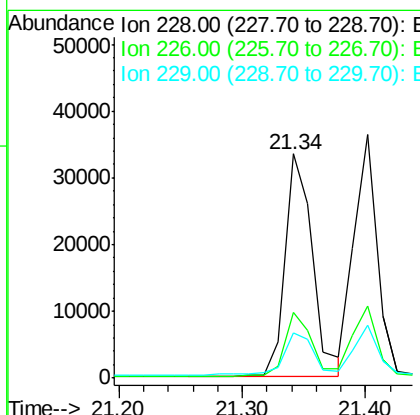
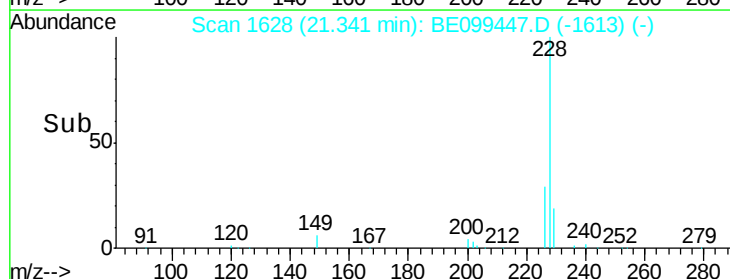
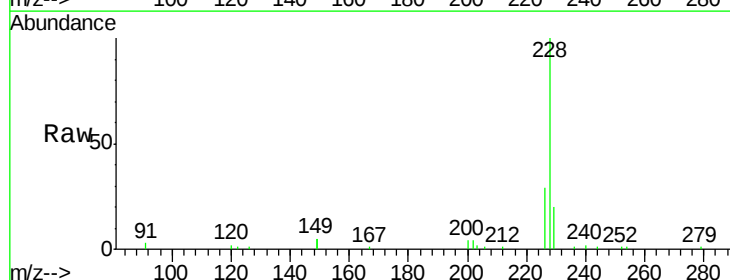
RT: 21.34 min Scan# 1628

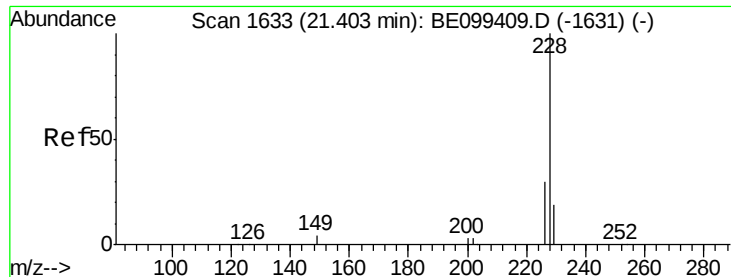
Delta R.T. -0.01 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Tgt Ion:	228	Resp:	51553
Ion Ratio	Lower	Upper	
228	100		
226	29.3	21.0	31.6
229	20.4	16.6	25.0





#31

Chrysene

Concen: 0.536 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Instrument :

BNA_E

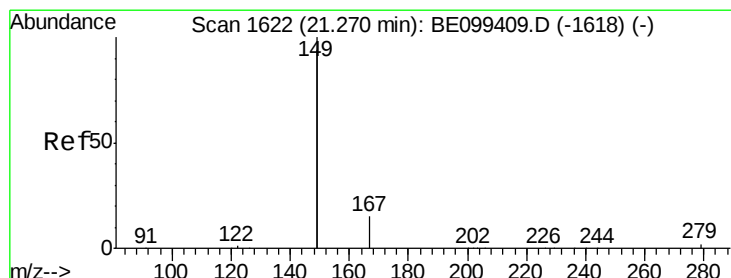
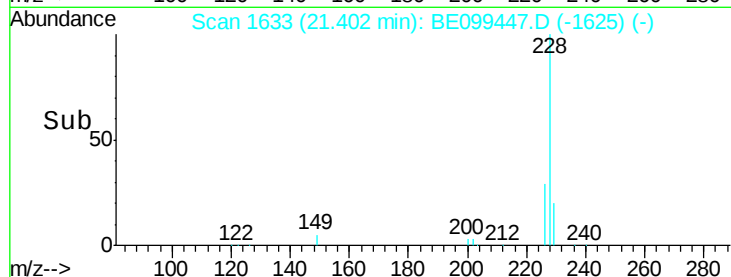
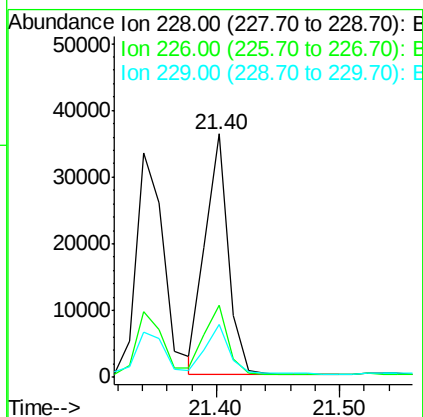
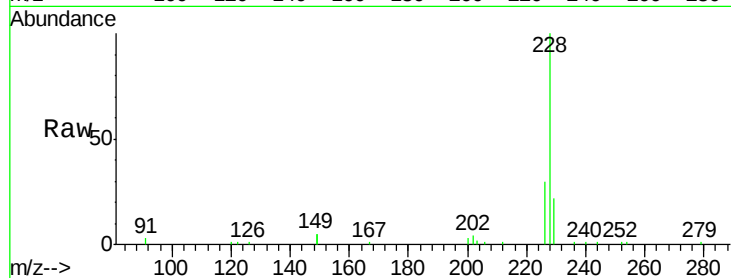
ClientSampleId :

EXT-026-SW045-042219MSD

Tgt Ion:	228	Resp:	47356
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.0	36.0
229	21.6	15.8	23.8

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.582 ng

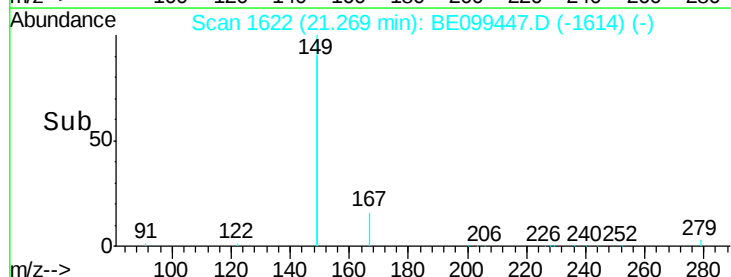
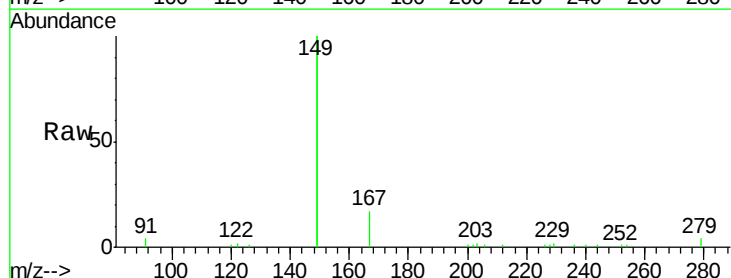
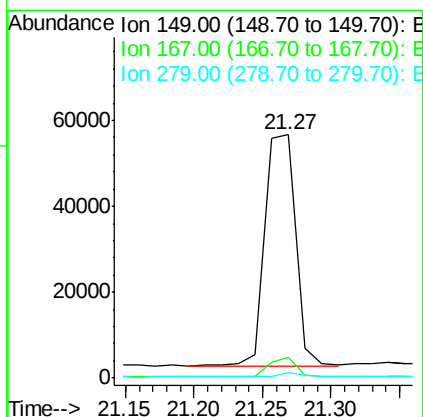
RT: 21.27 min Scan# 1622

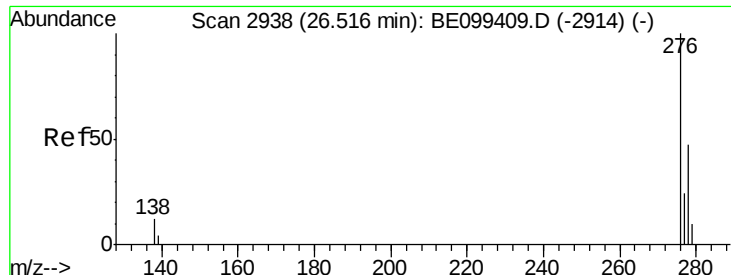
Delta R.T. -0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

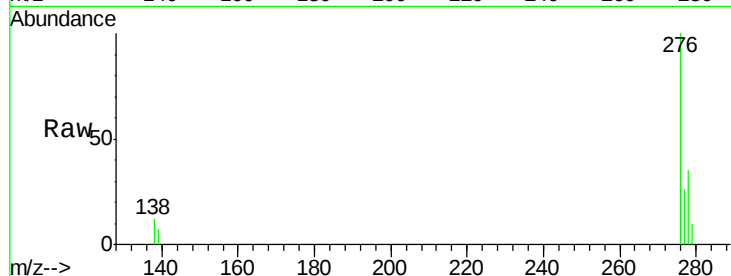
Tgt Ion:	149	Resp:	83243
Ion Ratio	Lower	Upper	
149	100		
167	7.4	5.8	8.6
279	1.4	1.0	1.6





#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.484 ng
 RT: 26.50 min Scan# 2934
 Delta R.T. -0.01 min
 Lab File: BE099447.D
 Acq: 1 May 2019 4:14

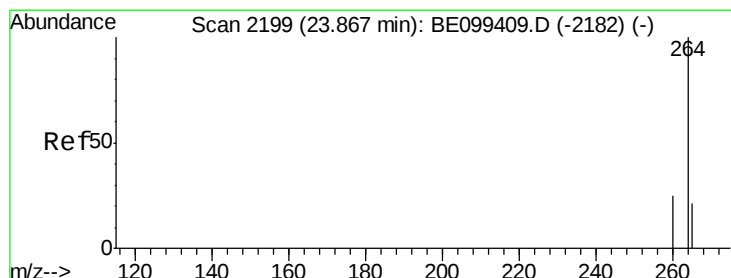
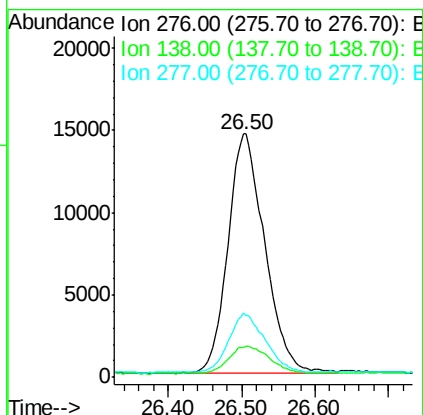
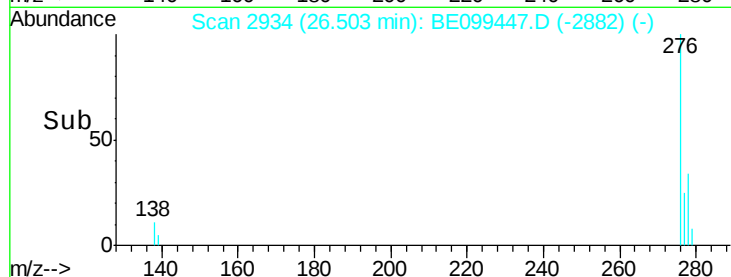
Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW045-042219MSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	12.7	10.2	15.2
277	24.4	19.2	28.8

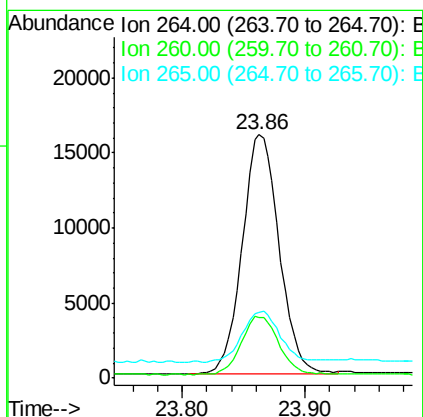
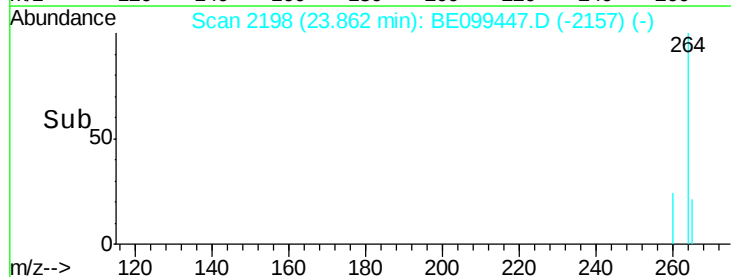
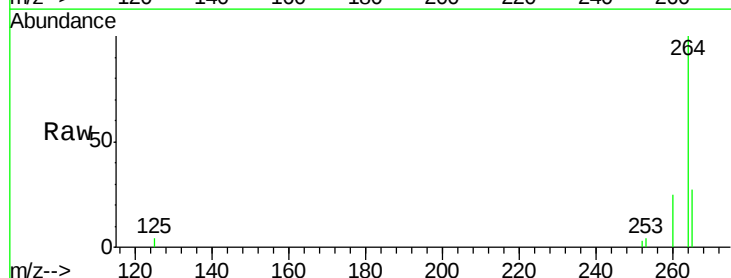
Manual Integrations
 APPROVED

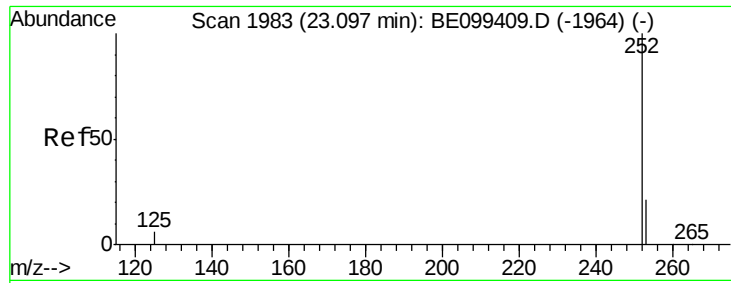
Sohil
 5/1/2019 12:03:27 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BE099447.D
 Acq: 1 May 2019 4:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.1	20.2	30.2
265	27.0	21.3	31.9





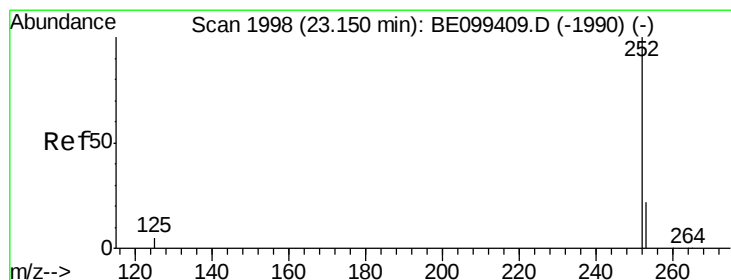
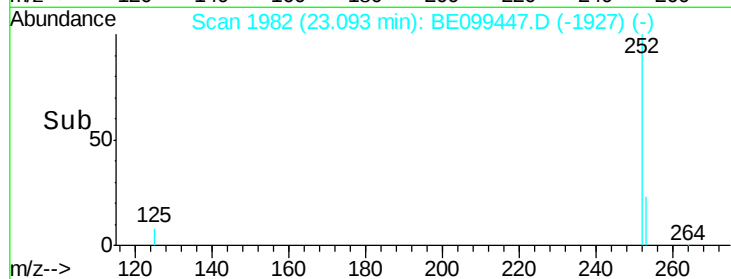
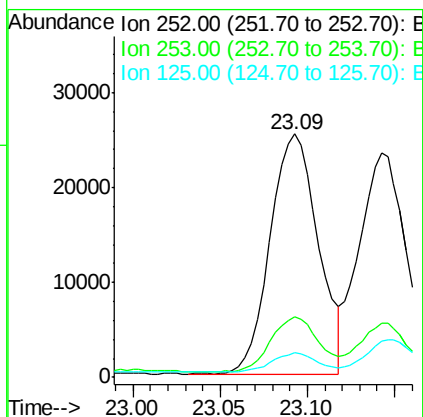
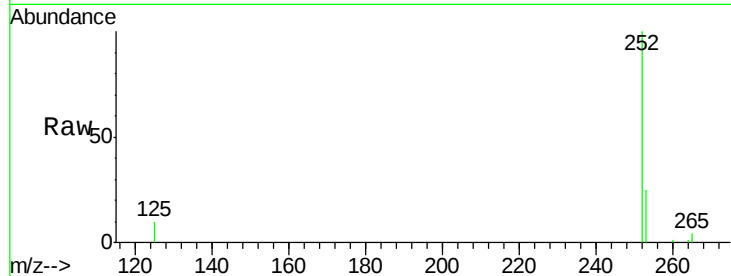
#35
Benzo(b)fluoranthene
Concen: 0.505 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE099447.D
Acq: 1 May 2019 4:14

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW045-042219MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	9.9	5.6	8.4#

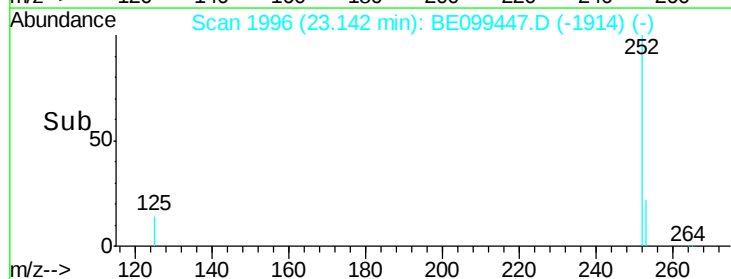
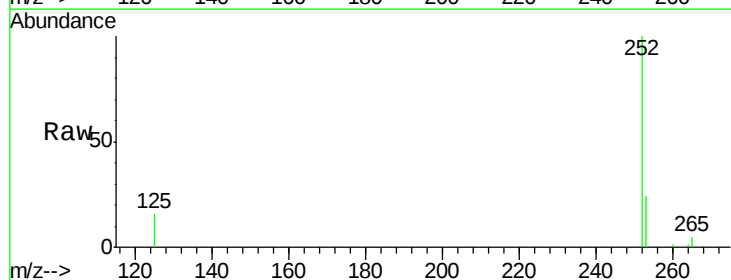
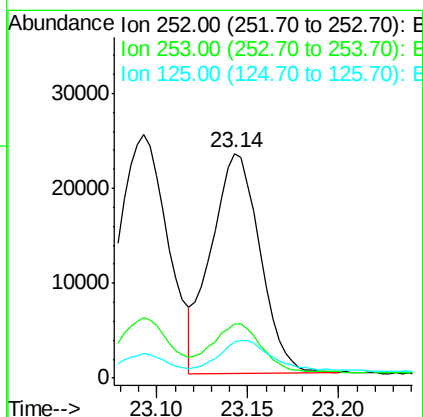
Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM



#36
Benzo(k)fluoranthene
Concen: 0.467 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099447.D
Acq: 1 May 2019 4:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	15.9	5.0	7.4#





#37

Benzo(a)pyrene

Concen: 0.492 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE099447.D

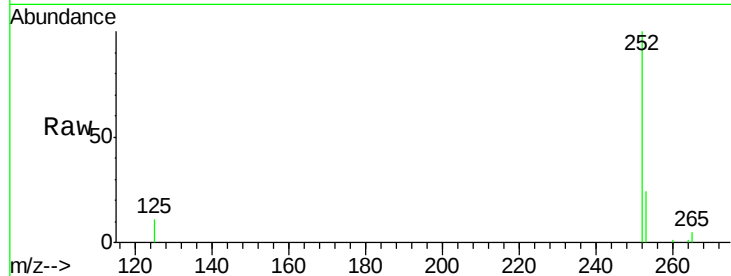
Acq: 1 May 2019 4:14

Instrument :

BNA_E

ClientSampleId :

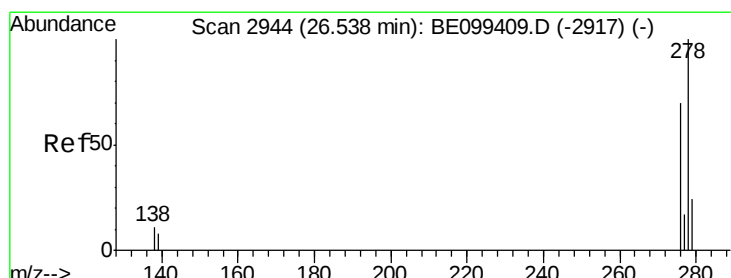
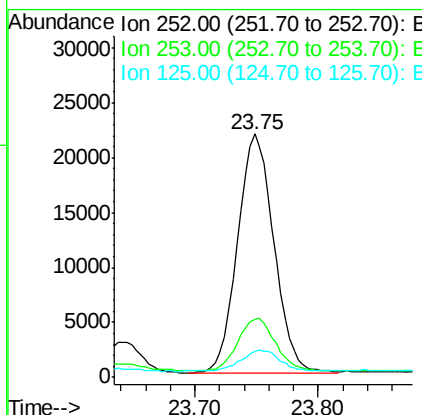
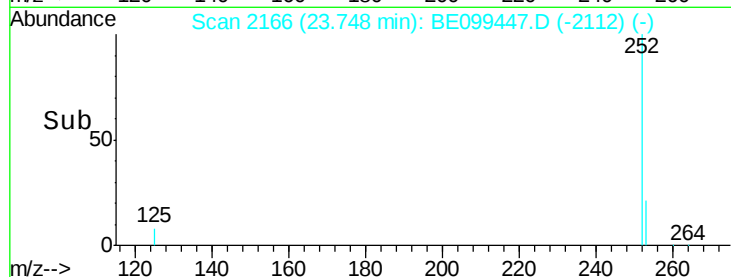
EXT-026-SW045-042219MSD



Tgt Ion:	252	Resp:	44546
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.9	28.3
125	10.8	6.7	10.1

Manual Integrations
APPROVED

Sohil
5/1/2019 12:03:27 PM



#38

Dibenzo(a,h)anthracene

Concen: 0.414 ng

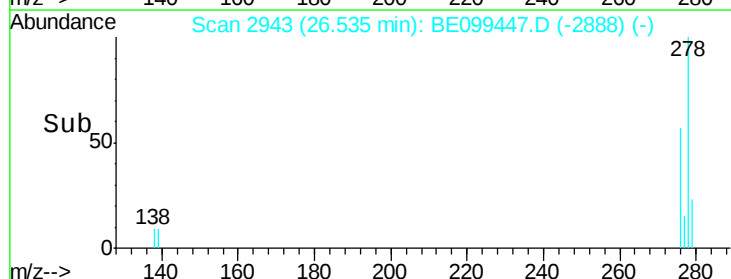
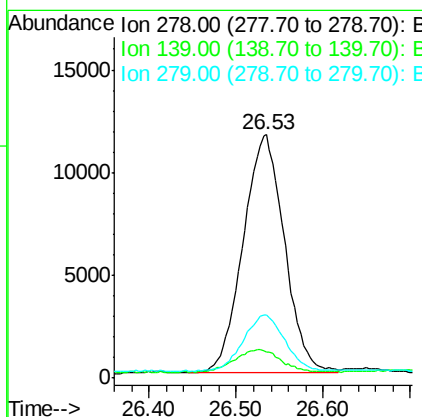
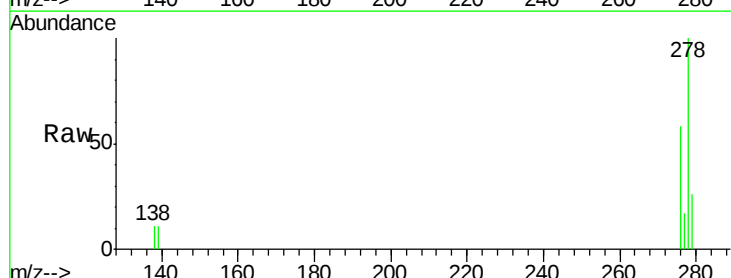
RT: 26.53 min Scan# 2943

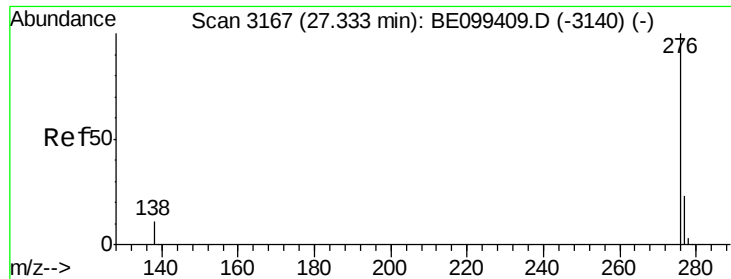
Delta R.T. -0.00 min

Lab File: BE099447.D

Acq: 1 May 2019 4:14

Tgt Ion:	278	Resp:	38316
Ion Ratio	Lower	Upper	
278	100		
139	10.9	7.7	11.5
279	25.8	20.2	30.2





#39
 Benzo(g,h,i)perylene
 Concen: 0.470 ng
 RT: 27.32 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BE099447.D
 Acq: 1 May 2019 4:14

Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW045-042219MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.5	29.3
138	11.5	9.6	14.4

Manual Integrations
 APPROVED

Sohil
 5/1/2019 12:03:27 PM

