

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE099024.D
 Acq On : 19 Mar 2019 6:04
 Operator : JU/SJ
 Sample : K1945-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T3-OZ(POST)

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:26:14 PM

Quant Time: Mar 19 09:08:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	223	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	1057	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	858	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	1912	0.40	ng	0.01
27) Chrysene-d12	21.41	240	2531	0.40	ng	0.01
34) Perylene-d12	23.92	264	2050	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	220	0.33	ng	0.04
5) Phenol-d6	7.05	99	180m	0.19	ng	0.06
8) Nitrobenzene-d5	9.04	82	748	0.67	ng	0.08
11) 2-Methylnaphthalene-d10	12.22	152	1851	0.95	ng	0.03
14) 2,4,6-Tribromophenol	15.97	330	340	0.79	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4403	1.24	ng	0.00
25) Fluoranthene-d10	19.24	212	29233	0.96	ng	0.00
29) Terphenyl-d14	19.84	244	7984	1.30	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.29	149	2954	0.176	ng	99

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

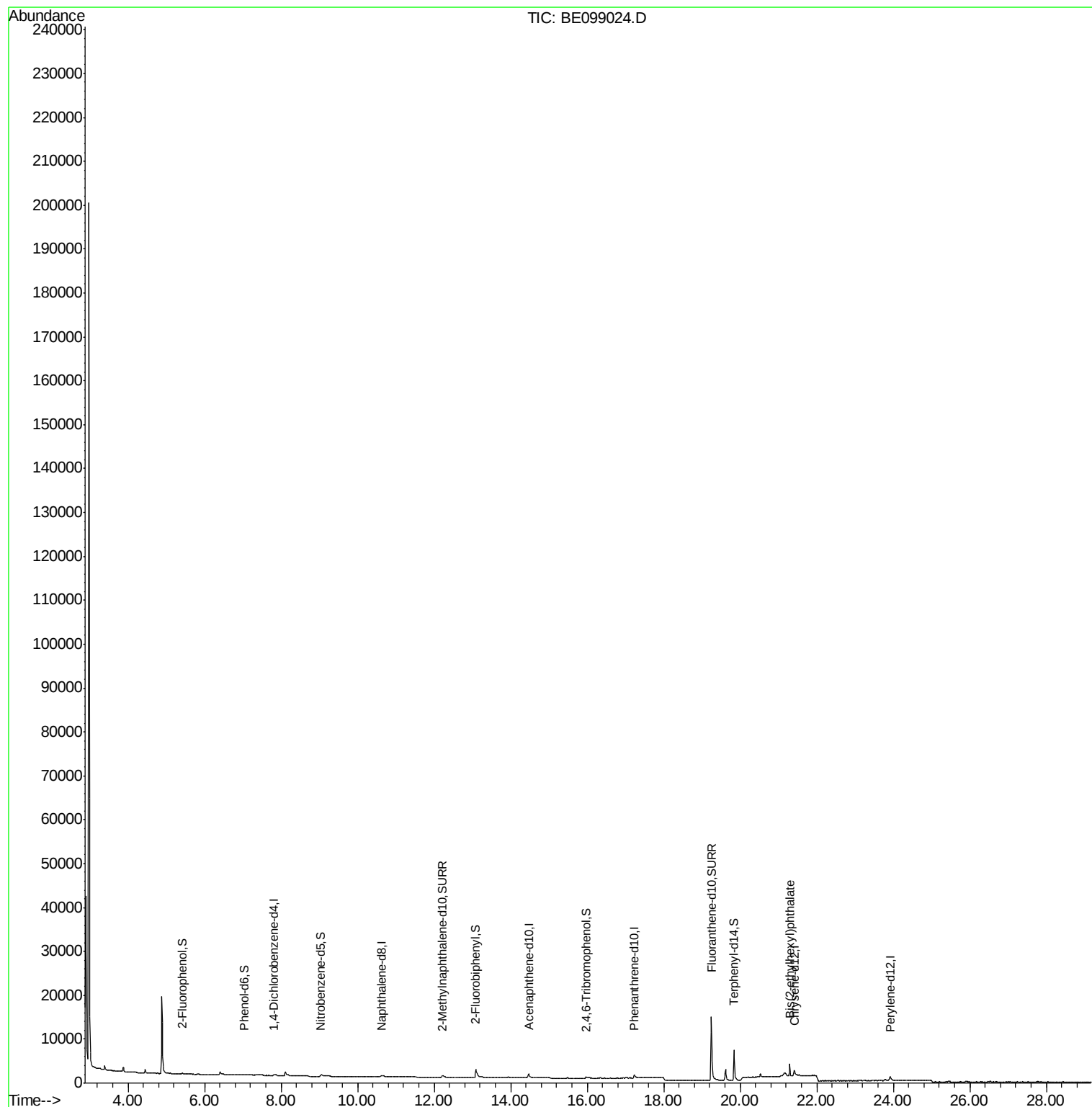
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
Data File : BE099024.D
Acq On : 19 Mar 2019 6:04
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.01 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

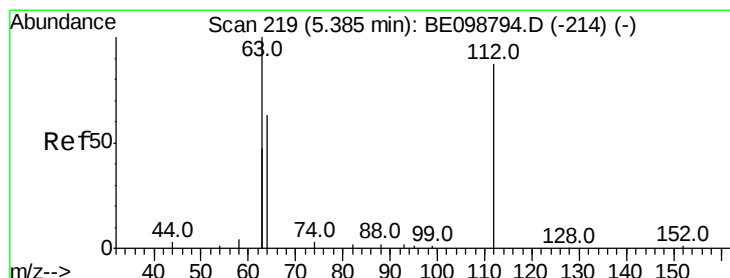
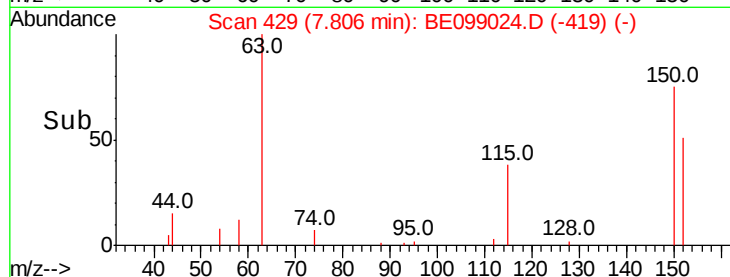
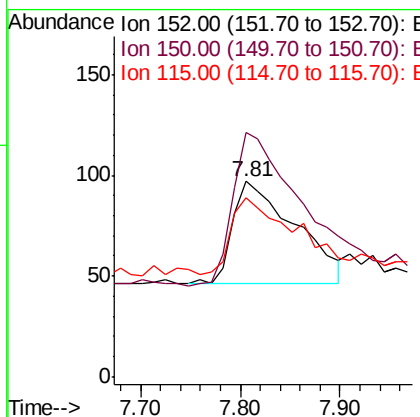
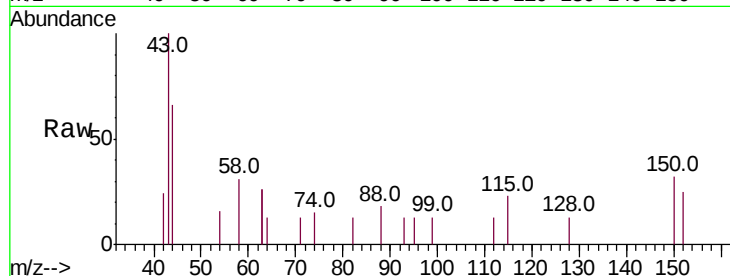
ClientSampleId :

M4-T3-OZ(POST)

Tot Ion	Ratio	Lower	Upper
152	100		
150	124.7	122.5	183.7
115	91.8	57.4	86.2

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#4

2-Fluorophenol

Concen: 0.330 ng

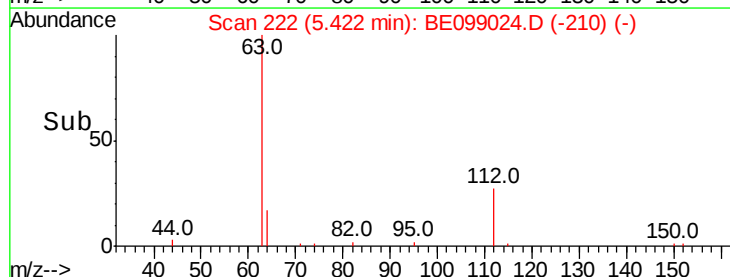
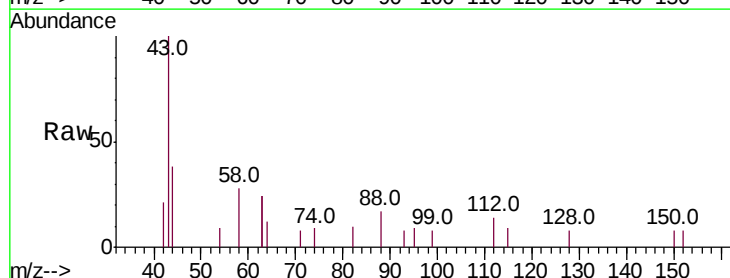
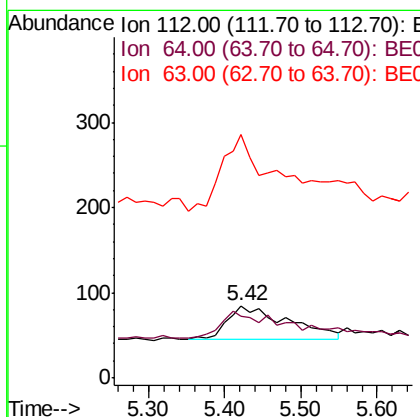
RT: 5.42 min Scan# 222

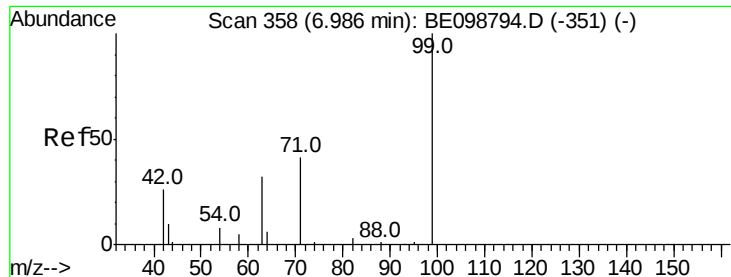
Delta R.T. 0.04 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	104.1	57.9	86.9
63	131.4	158.3	237.5





#5

Phenol-d6

Concen: 0.191 ng/ml

RT: 7.05 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

ClientSampleId :

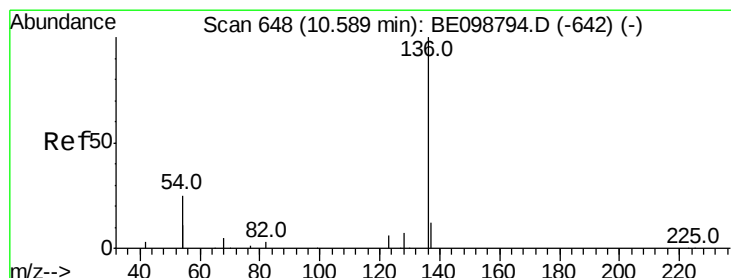
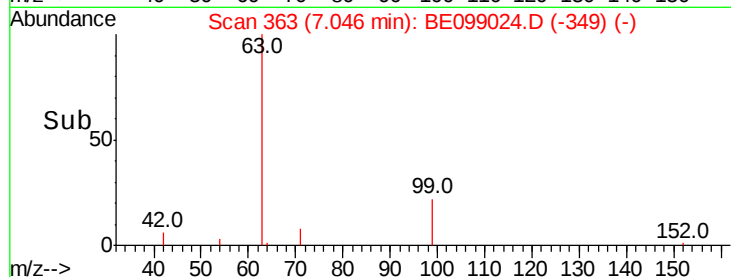
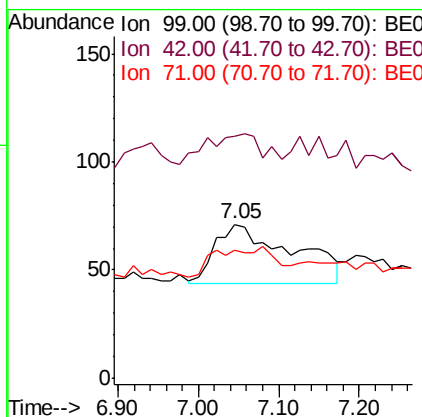
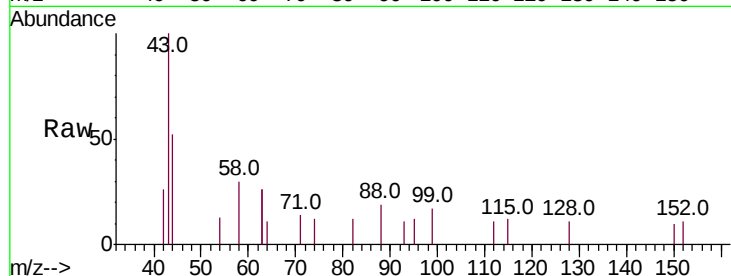
M4-T3-OZ(POST)

Tot Ion	Ratio	Lower	Upper
99	100		
42	36.7	24.2	36.2#
71	0.0	35.7	53.5#

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#7

Naphthalene-d8

Concen: 0.400 ng/ml

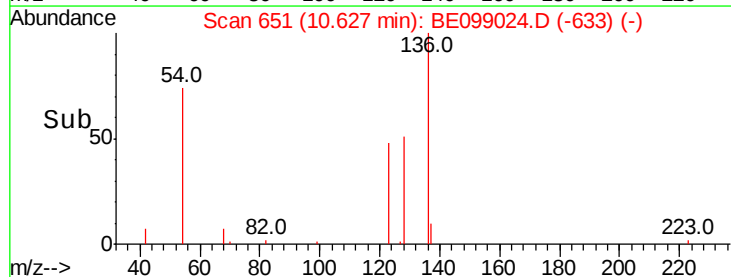
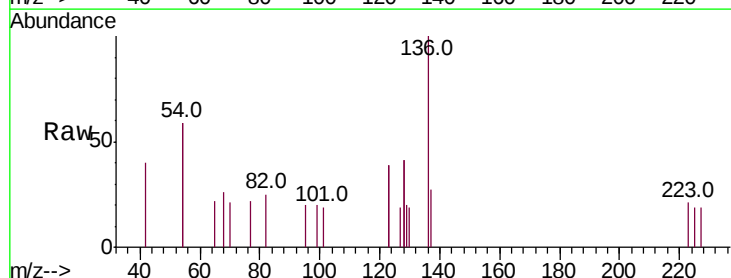
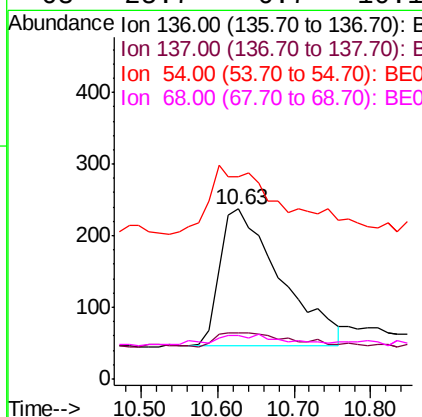
RT: 10.63 min Scan# 651

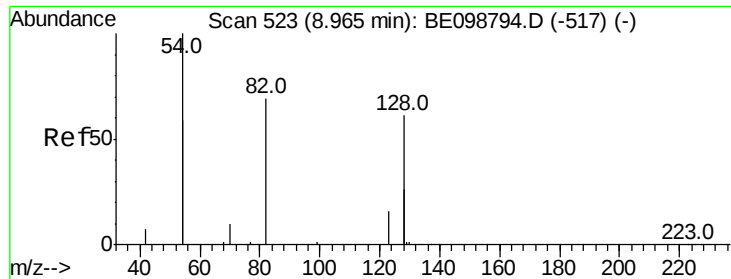
Delta R.T. 0.04 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Tgt Ion	Ratio	Lower	Upper
136	100		
137	27.4	11.4	17.0#
54	119.0	39.3	58.9#
68	25.7	6.7	10.1#





#8

Nitrobenzene-d5

Concen: 0.675 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.08 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

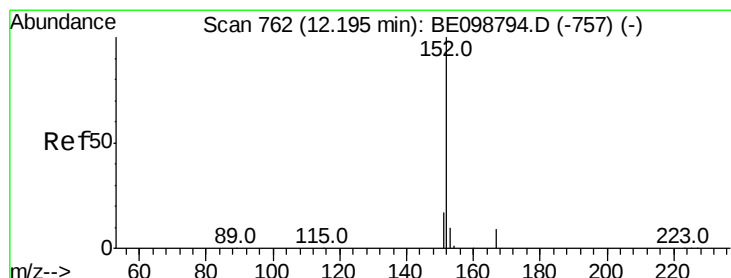
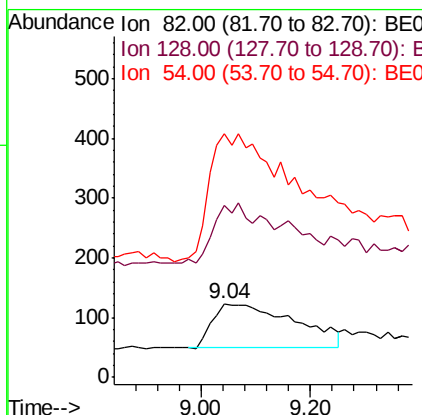
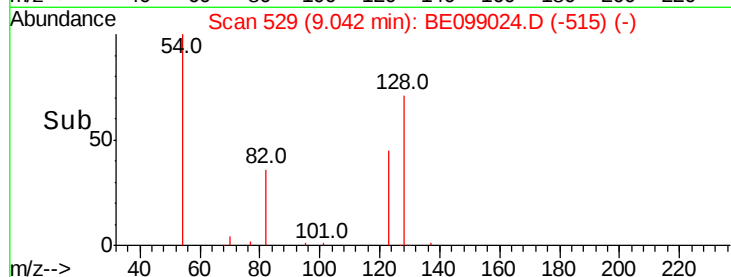
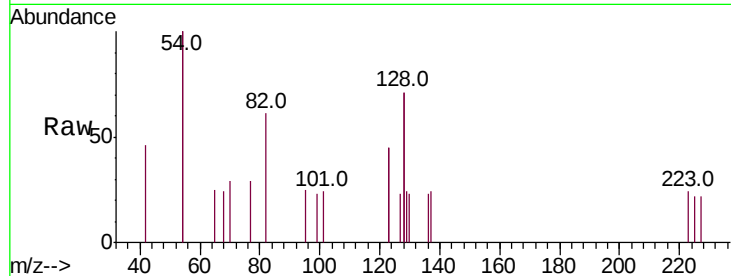
ClientSampleId :

M4-T3-OZ(POST)

Tot Ion:	82	Resp:	748
Ion Ratio	Lower	Upper	
82	100		
128	232.3	123.8	185.8#
54	329.0	203.4	305.2#

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#11

2-Methylnaphthalene-d10

Concen: 0.947 ng

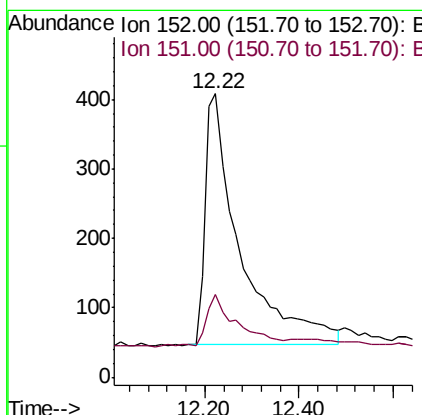
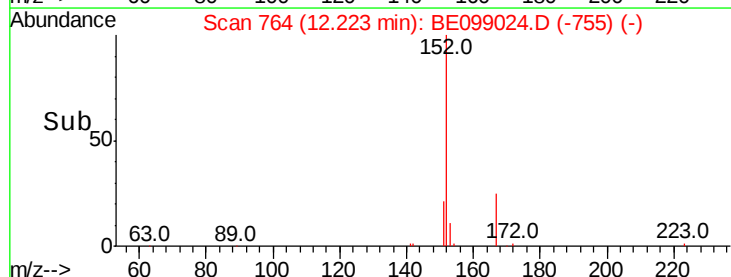
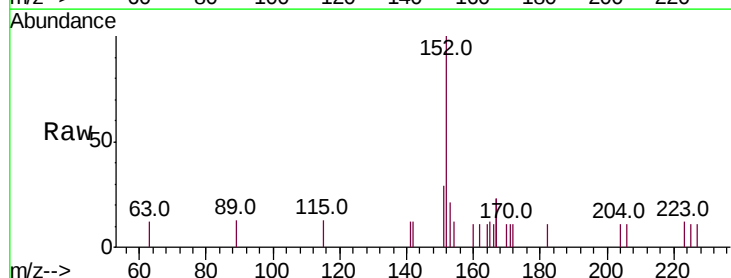
RT: 12.22 min Scan# 764

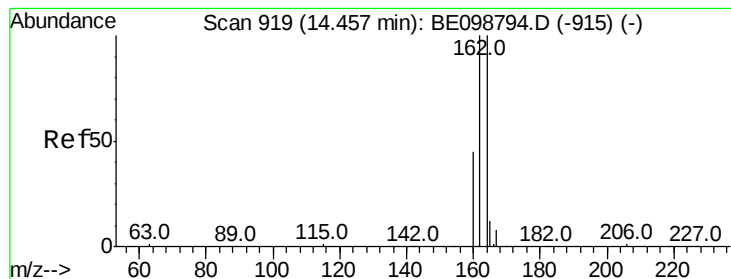
Delta R.T. 0.03 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Tgt Ion:	152	Resp:	1851
Ion Ratio	Lower	Upper	
152	100		
151	17.1	16.5	24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

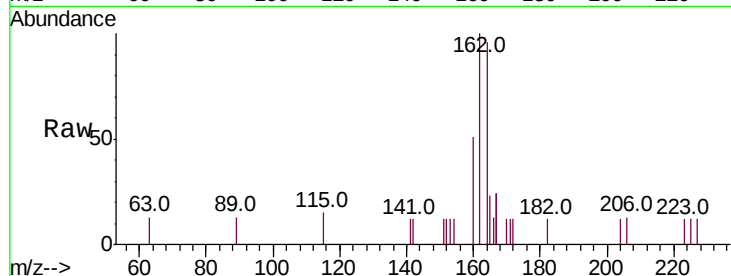
ClientSampleId :

M4-T3-OZ(POST)

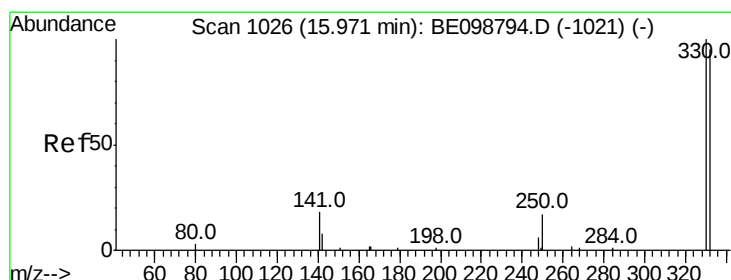
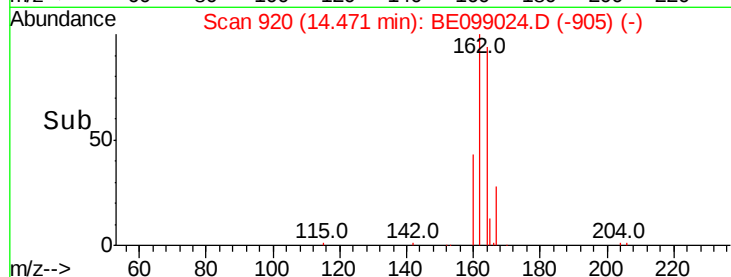
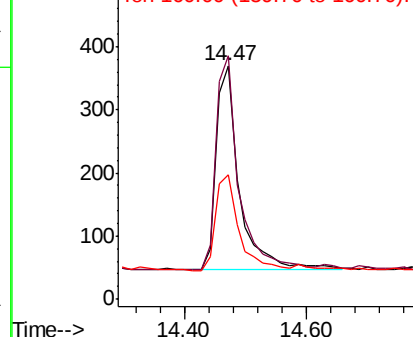
Tot Ion:	164	Resp:	858
Ion Ratio	Lower	Upper	
164	100		
162	104.3	80.2	120.2
160	53.2	37.8	56.8

Manual Integrations
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.785 ng

RT: 15.97 min Scan# 1026

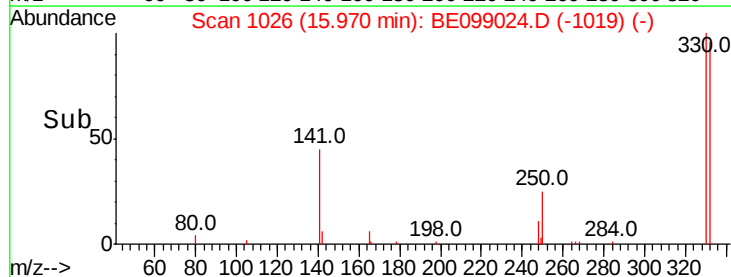
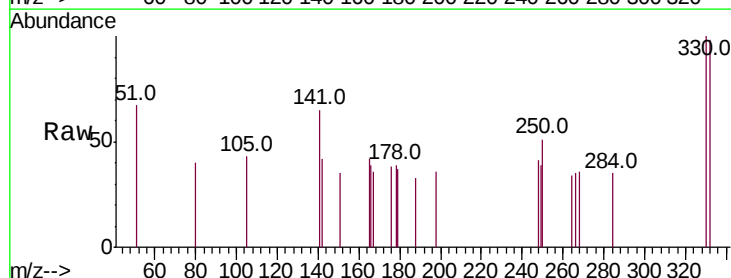
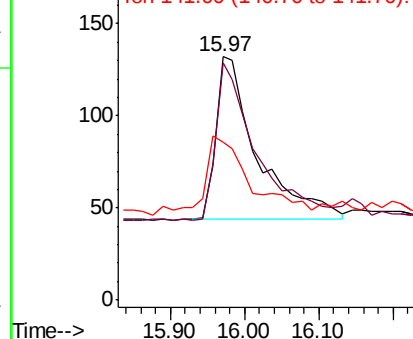
Delta R.T. -0.00 min

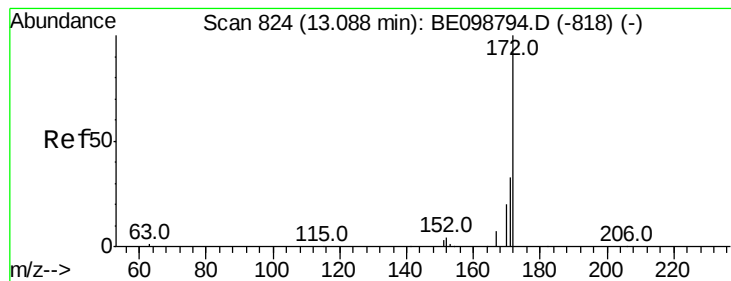
Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Tgt Ion:	330	Resp:	340
Ion Ratio	Lower	Upper	
330	100		
332	98.8	77.6	116.4
141	42.6	31.0	46.4

Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





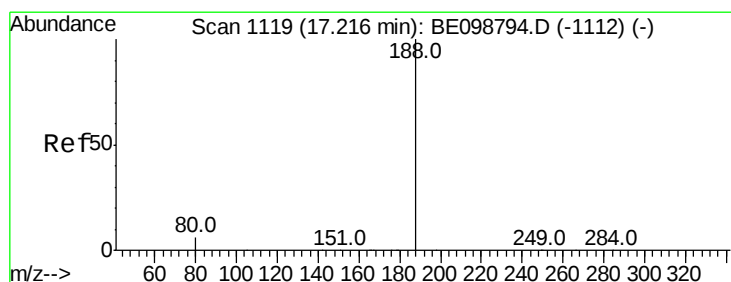
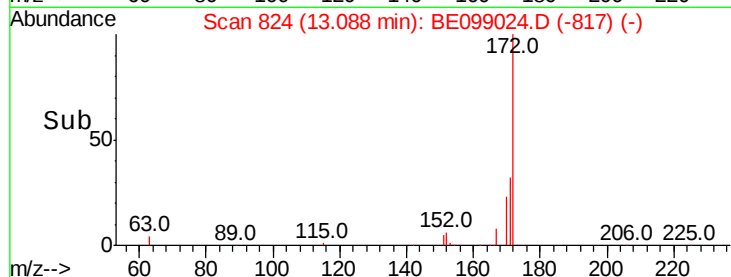
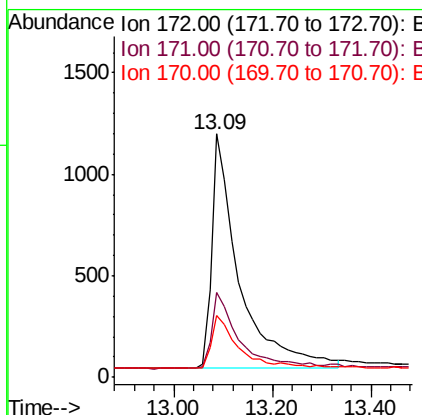
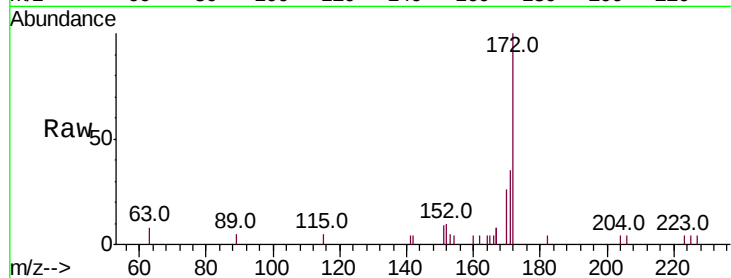
#15
2-Fluorobiphenyl
Concen: 1.239 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099024.D
Acq: 19 Mar 2019 6:04

Instrument :
BNA_E
ClientSampleId :
M4-T3-OZ(POST)

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	25.5	17.7	26.5

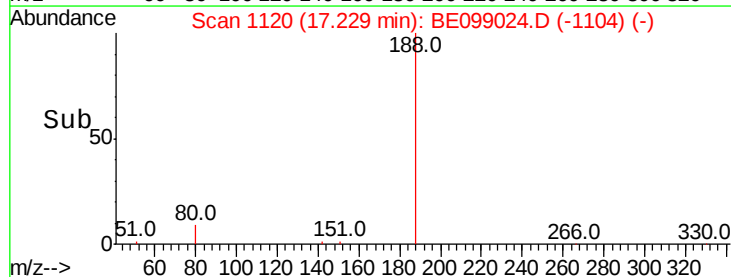
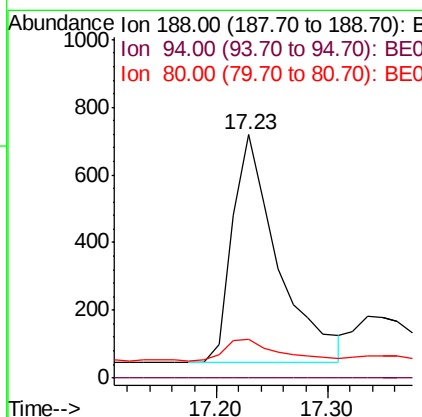
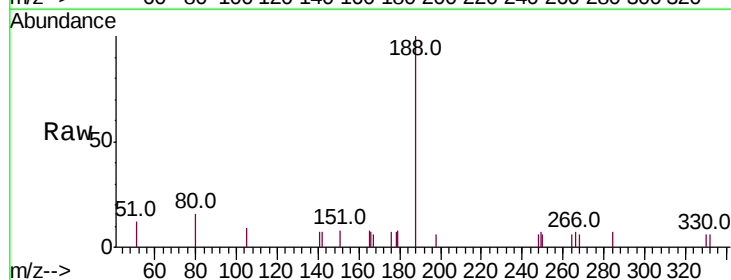
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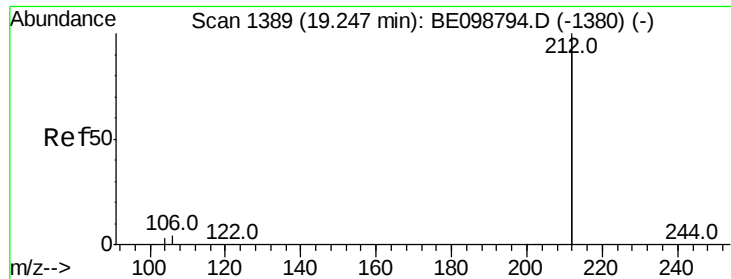
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE099024.D
Acq: 19 Mar 2019 6:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.9	6.3	9.5#





#25

Fluoranthene-d10

Concen: 0.958 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

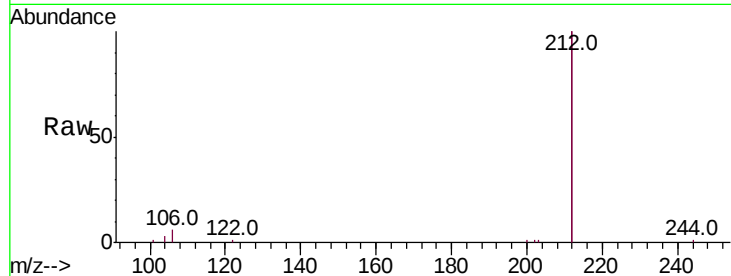
ClientSampleId :

M4-T3-OZ(POST)

Tot Ion:	212	Resp:	29233
Ion Ratio	Lower	Upper	
212	100		
106	2.4	1.8	2.8
104	1.3	1.0	1.6

Manual Integrations
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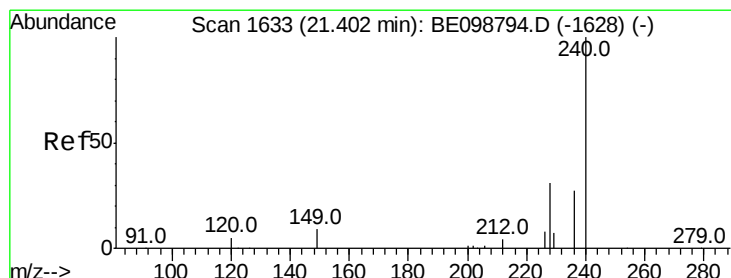
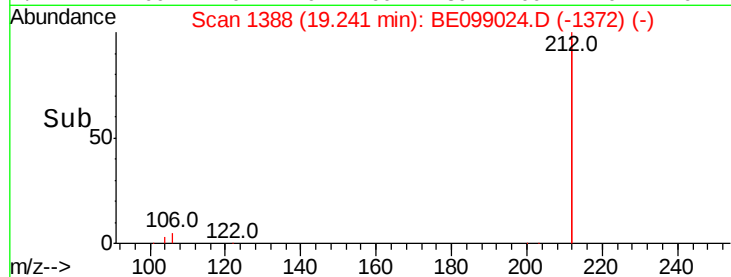
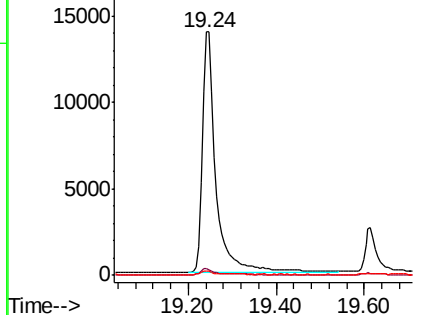
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Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099024.D

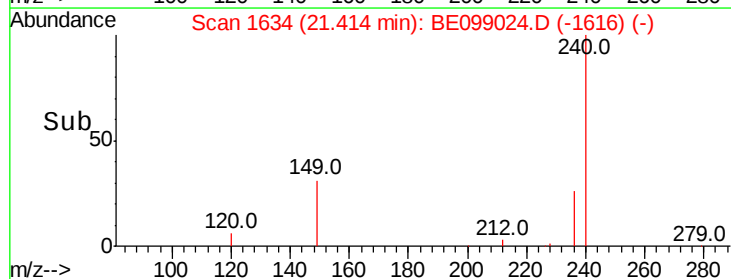
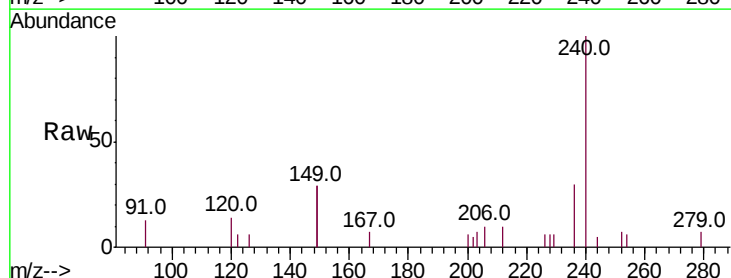
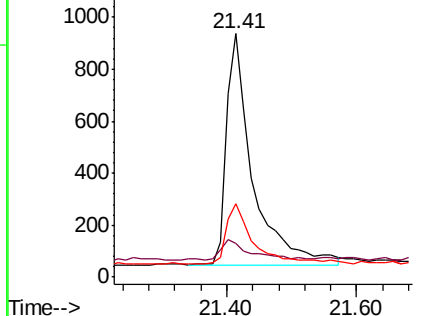
Acq: 19 Mar 2019 6:04

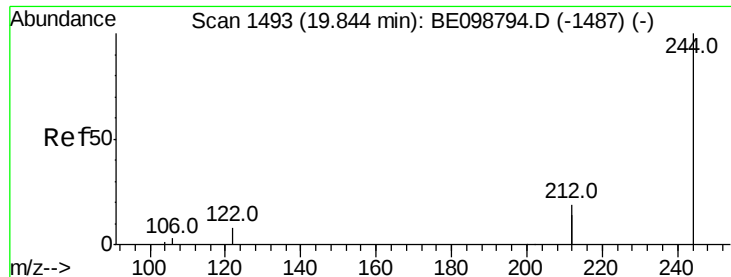
Tgt Ion:	240	Resp:	2531
Ion Ratio	Lower	Upper	
240	100		
120	13.7	5.0	7.4#
236	30.2	22.7	34.1

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 1.298 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

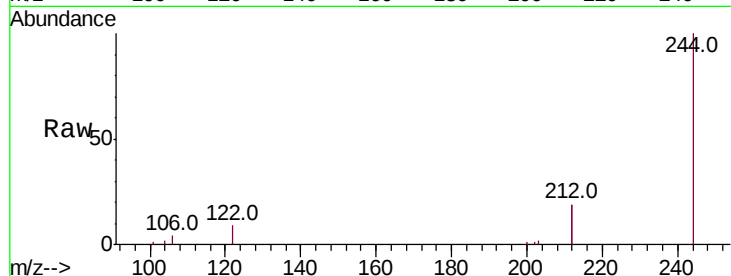
ClientSampleId :

M4-T3-OZ(POST)

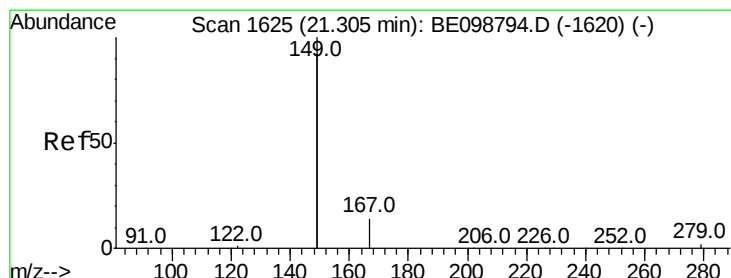
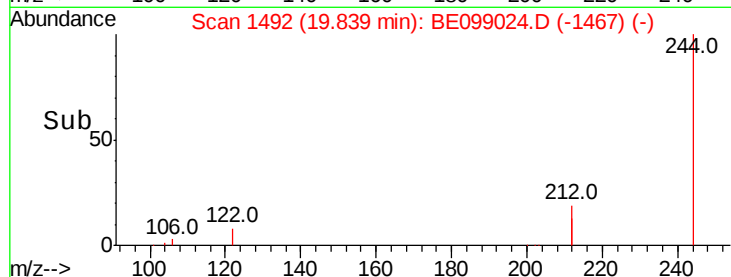
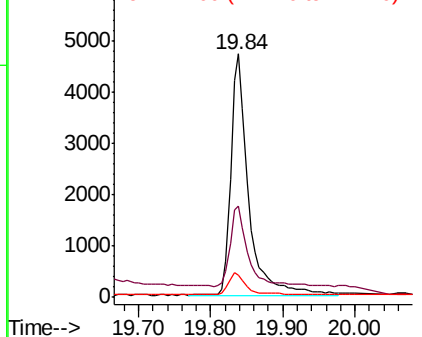
Tot Ion:	244	Resp:	7984
Ion Ratio	Lower	Upper	
244	100		
212	37.3	29.4	44.2
122	9.2	7.1	10.7

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.176 ng

RT: 21.29 min Scan# 1624

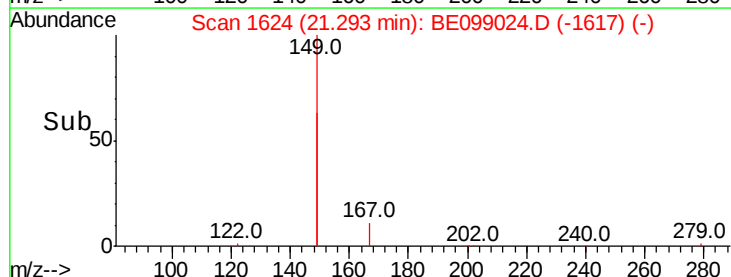
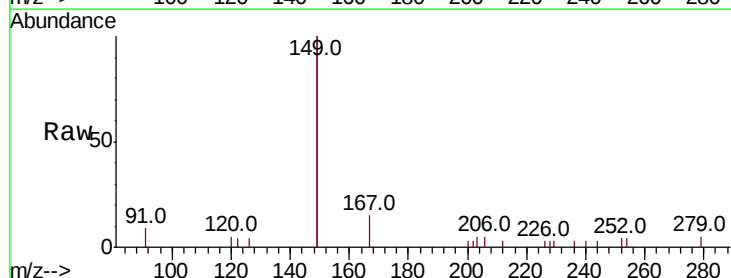
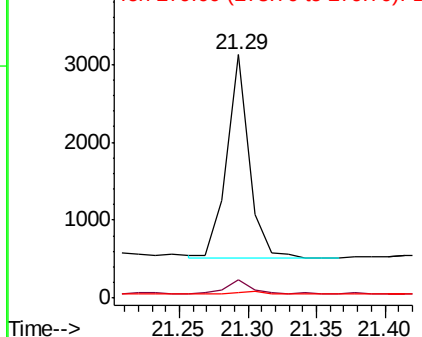
Delta R.T. -0.01 min

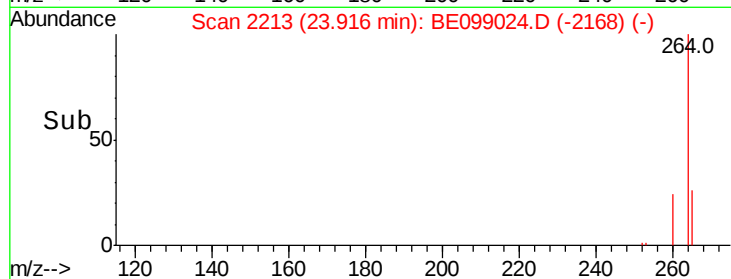
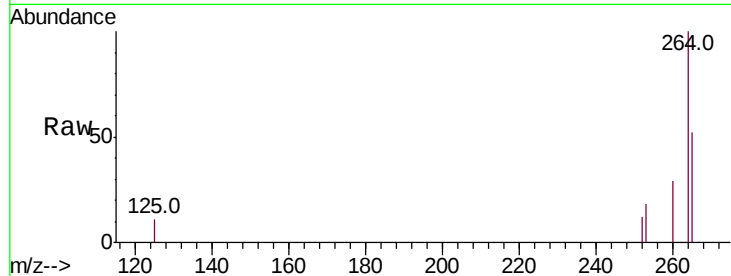
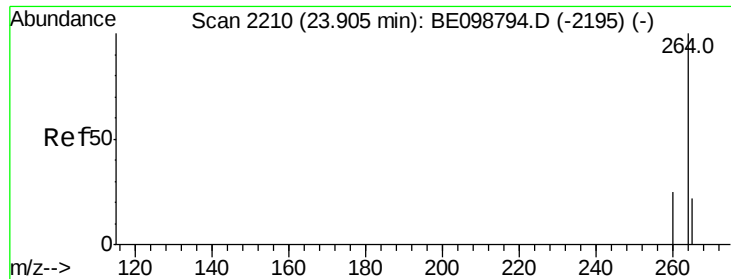
Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Tgt Ion:	149	Resp:	2954
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.4	8.0
279	1.3	1.0	1.4

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Tot Ion:	264	Resp:	2050
Ion Ratio	Lower	Upper	
264	100		
260	29.0	21.2	31.8
265	51.8	24.6	36.8#

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

Manual Integrations
APPROVED

Sohil
3/19/2019 5:26:14 PM

