

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
 Data File : BN007245.D
 Acq On : 17 Aug 2019 05:41
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Manual Integrations
 APPROVED

Quant Time: Aug 19 04:34:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	10103	0.40	ng	0.00
6) Naphthalene-d8	10.17	136	38683	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	21384	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	48350	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	47530	0.40	ng	-0.02
32) Perylene-d12	23.15	264	52346	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.05	112	10322	0.43	ng	0.00
4) Phenol-d6	6.61	99	13509	0.45	ng	0.00
7) Nitrobenzene-d5	8.55	82	14028	0.45	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	27035	0.37	ng	-0.01
13) 2,4,6-Tribromophenol	15.57	330	4472	0.39	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	1849	0.06	ng	0.00
24) Fluoranthene-d10	18.86	212	64369	0.38	ng	-0.01
28) Terphenyl-d14	19.48	244	56193	0.43	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.35	42	2767	0.416	ng	# 95
5) bis(2-Chloroethyl)ether	6.86	93	11077	0.417	ng	97
8) Naphthalene	10.23	128	41092	0.379	ng	100
9) Hexachlorobutadiene	10.53	225	9319	0.403	ng	# 100
11) 2-Methylnaphthalene	11.86	142	29577	0.385	ng	99
15) Acenaphthylene	13.78	152	69381	0.621	ng	99
16) Acenaphthene	14.13	154	29212	0.408	ng	99
17) Fluorene	15.12	166	40135	0.375	ng	95
19) 4-Bromophenyl-phenylether	16.03	248	11588	0.388	ng	94
20) Hexachlorobenzene	16.13	284	12337	0.429	ng	98
21) Pentachlorophenol	16.48	266	4873	0.455	ng	96
22) Phenanthrene	16.86	178	59040	0.407	ng	99
23) Anthracene	16.95	178	57665	0.436	ng	99
25) Fluoranthene	18.89	202	70852	0.382	ng	100
27) Pyrene	19.25	202	75449	0.453	ng	98
29) Benzo(a)anthracene	21.02	228	72875	0.419	ng	# 87
30) Chrysene	21.07	228	69268	0.410	ng	95
31) Indeno(1,2,3-cd)pyrene	25.22	276	81638	0.439	ng	97
33) Benzo(b)fluoranthene	22.53	252	72016	0.401	ng	98
34) Benzo(k)fluoranthene	22.57	252	67831m	0.383	ng	
35) Benzo(a)pyrene	23.06	252	68048	0.418	ng	97
36) Dibenzo(a,h)anthracene	25.24	278	66899	0.412	ng	# 94
37) Benzo(g,h,i)perylene	25.85	276	67370	0.403	ng	98

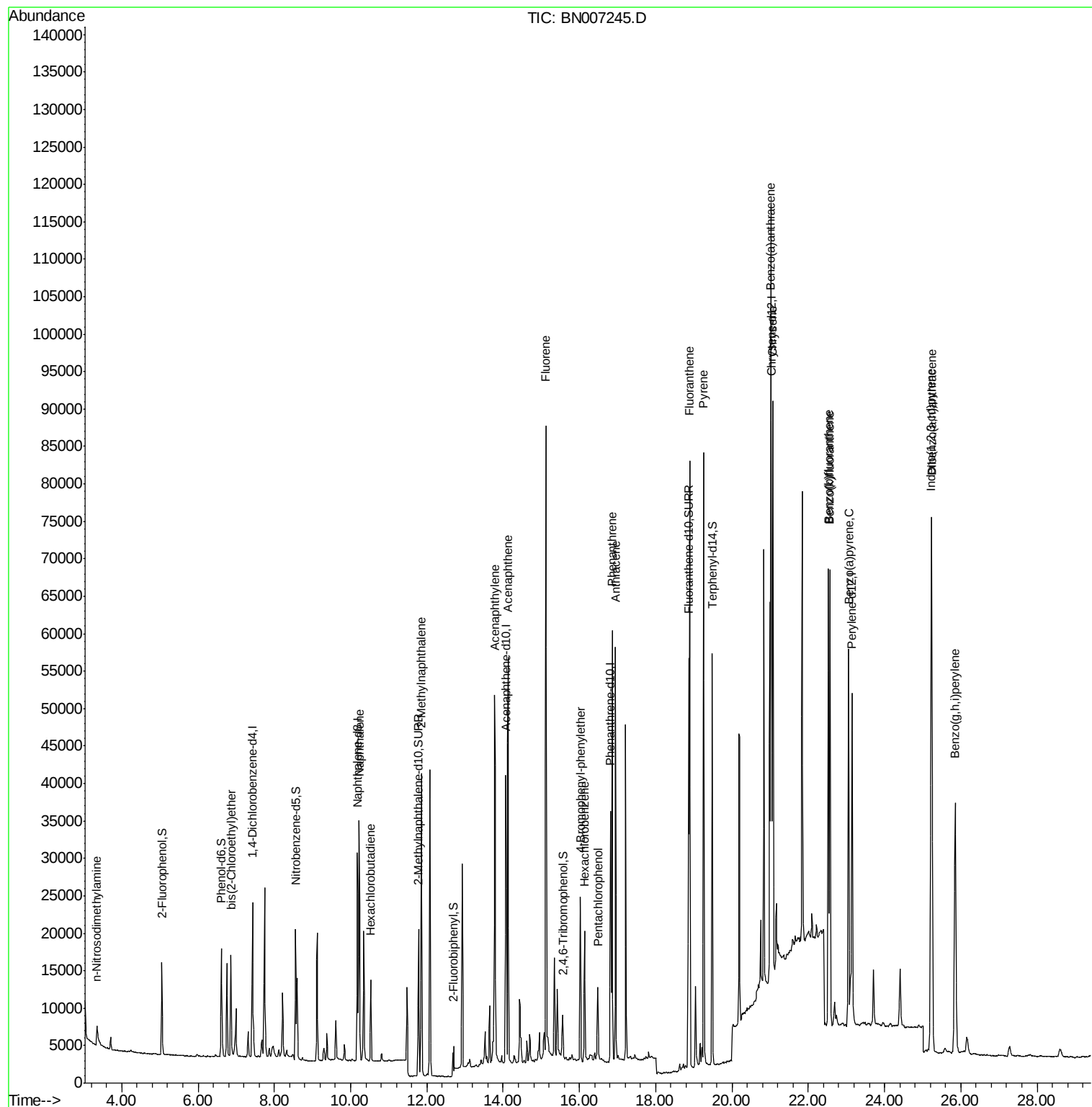
(#) = qualifier out of range (m) = manual integration (+) = signals summed

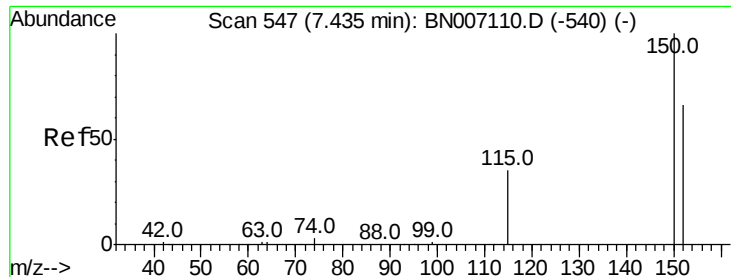
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
Data File : BN007245.D
Acq On : 17 Aug 2019 05:41
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :

Manual Integrations
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Quant Time: Aug 19 04:34:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
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QLast Update : Tue Aug 13 12:12:02 2019
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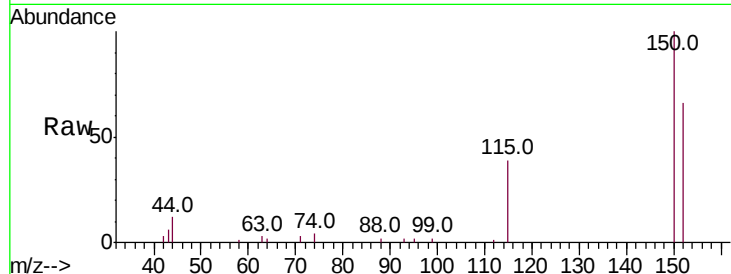
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007245.D
Acq: 17 Aug 2019 05:41

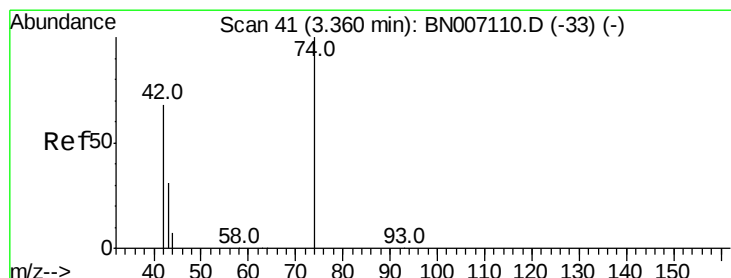
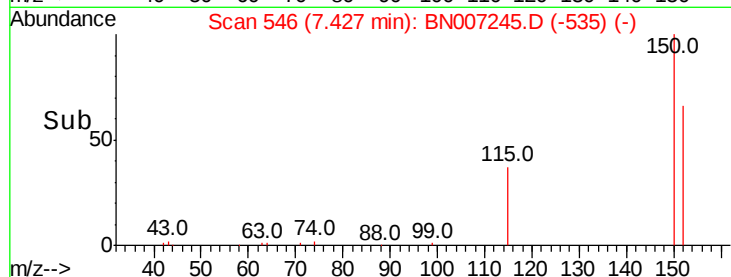
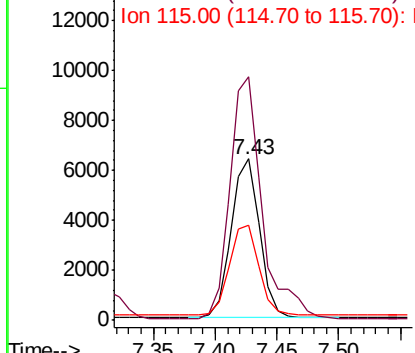
Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	121.7	182.5
115	59.1	46.2	69.4

Manual Integrations
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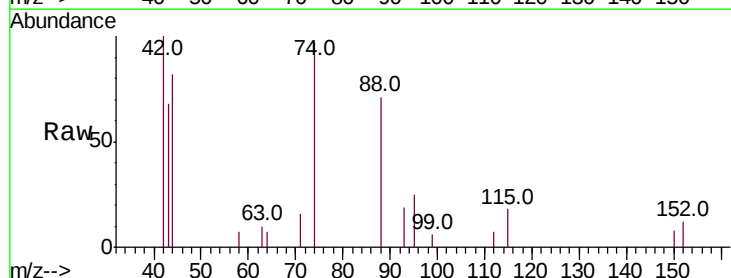
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



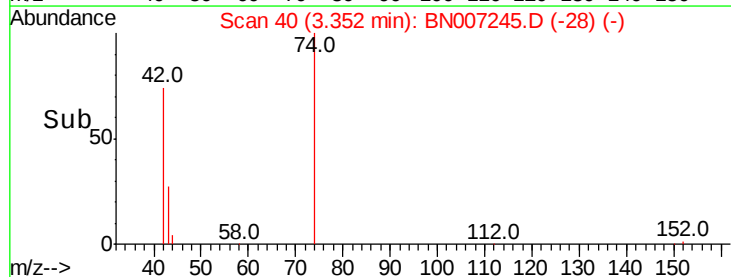
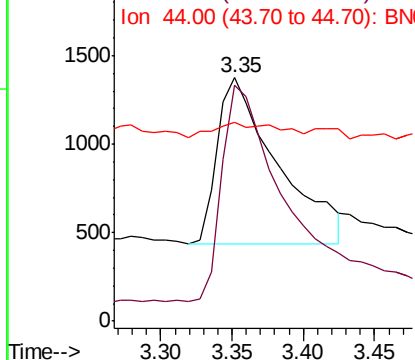
#2

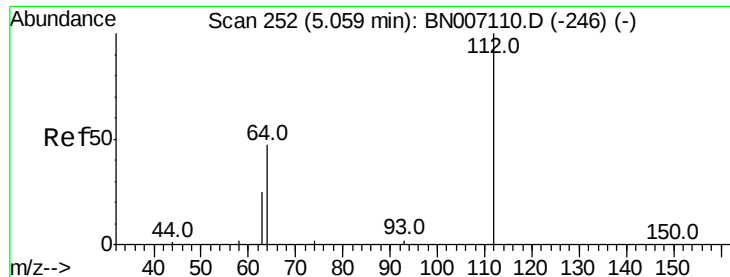
n-Nitrosodimethylamine
Concen: 0.416 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007245.D
Acq: 17 Aug 2019 05:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.8	110.6	166.0
44	9.4	0.0	0.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#3

2-Fluorophenol

Concen: 0.425 ng

RT: 5.05 min Scan# 251

Delta R.T. -0.01 min

Lab File: BN007245.D

Acq: 17 Aug 2019 05:41

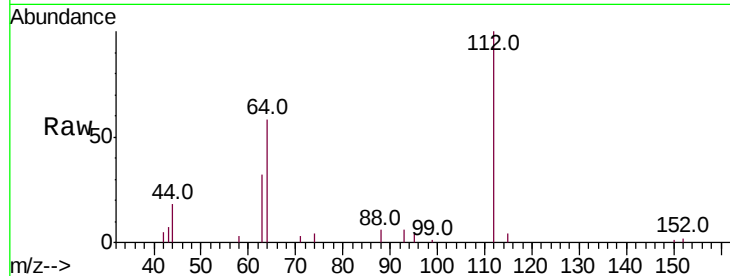
Instrument :

BNA_N

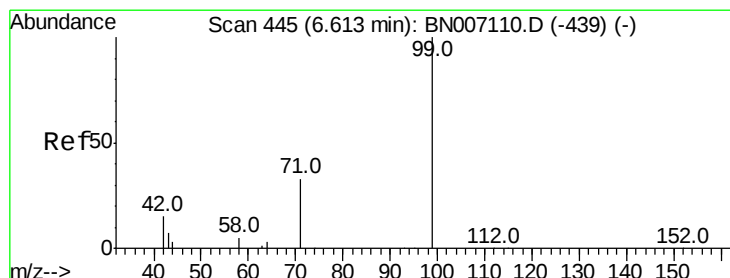
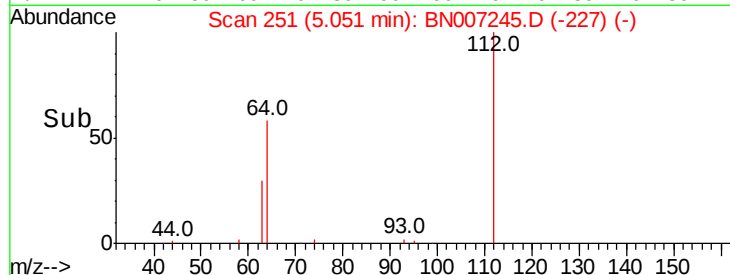
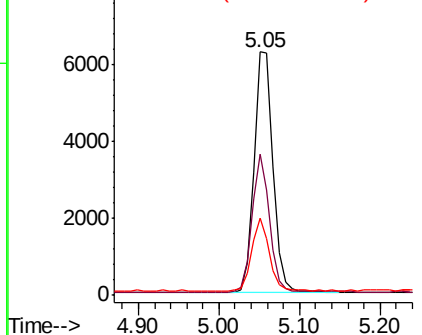
ClientSampleId :

Tot Ion:	112	Resp:	10322
Ion Ratio	Lower	Upper	
112	100		
64	52.6	42.6	63.8
63	28.0	22.2	33.2

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



#4

Phenol-d6

Concen: 0.449 ng

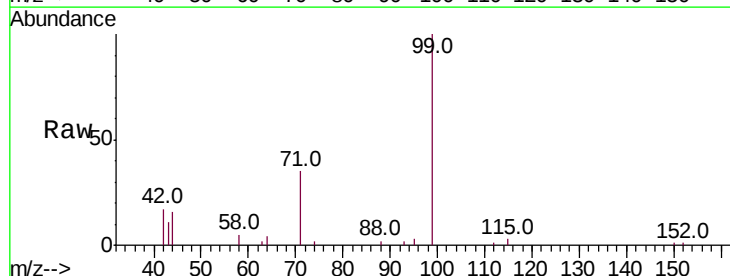
RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

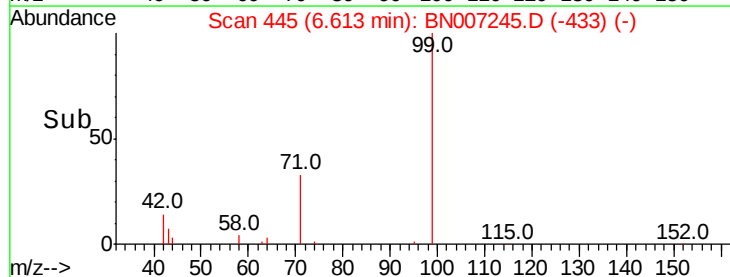
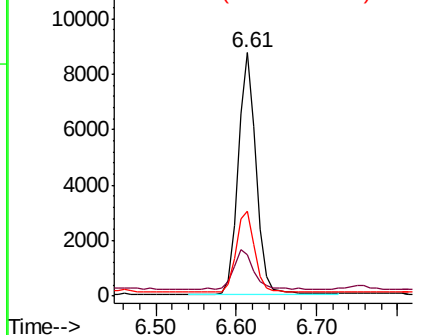
Lab File: BN007245.D

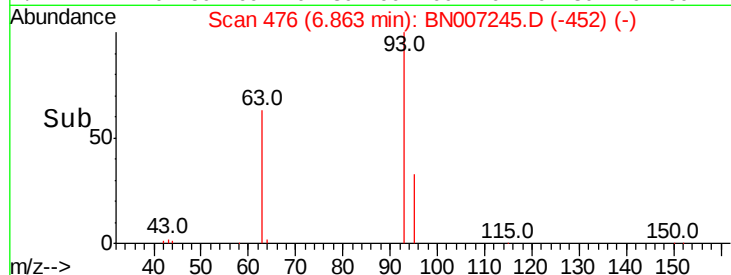
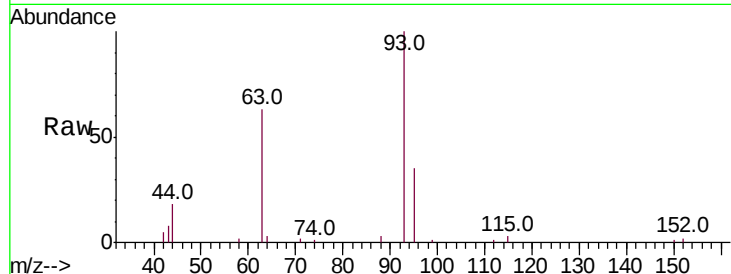
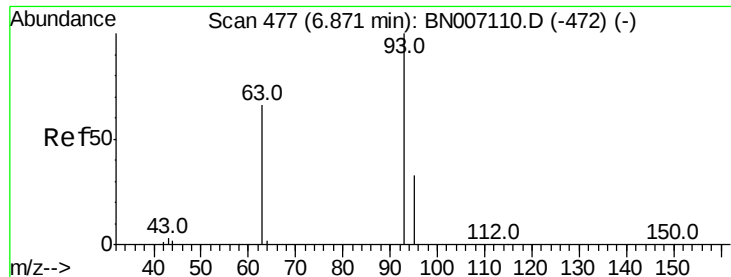
Acq: 17 Aug 2019 05:41

Tgt Ion:	99	Resp:	13509
Ion Ratio	Lower	Upper	
99	100		
42	18.1	15.8	23.6
71	34.7	27.0	40.4



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



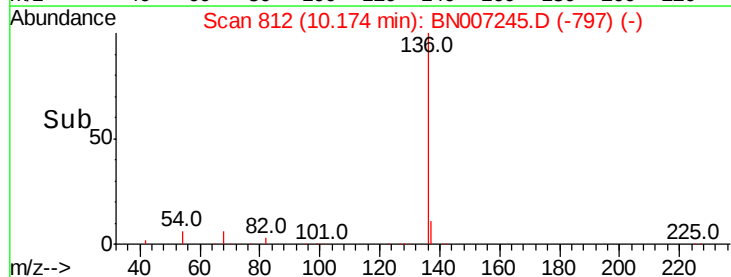
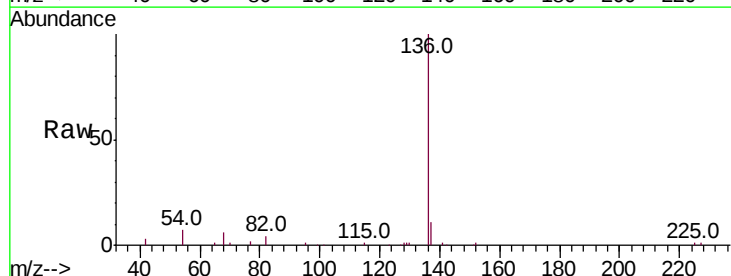
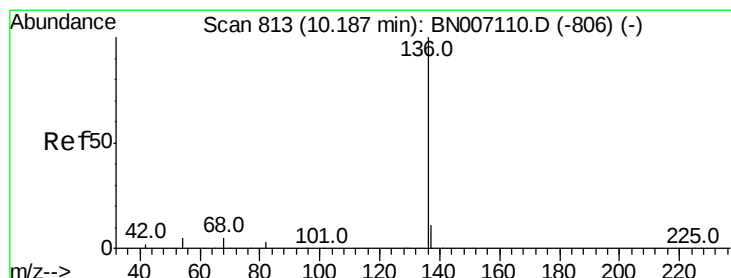
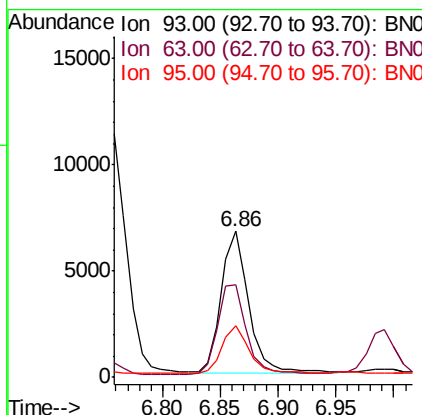


#5
bis(2-Chloroethyl)ether
Concen: 0.417 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.01 min
Lab File: BN007245.D
Acq: 17 Aug 2019 05:41

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.3	55.6	83.4
95	31.9	26.7	40.1

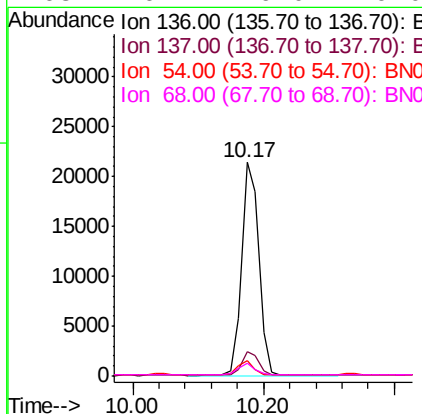
Instrument :
BNA_N
ClientSampled :

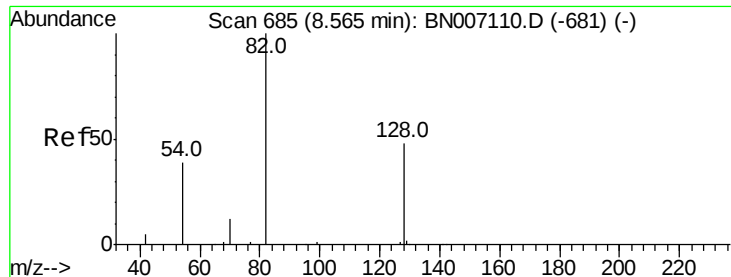
Manual Integrations
APPROVED



#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BN007245.D
Acq: 17 Aug 2019 05:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	7.1	6.6	9.8
68	6.2	6.0	9.0





#7

Nitrobenzene-d5

Concen: 0.450 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007245.D

Acq: 17 Aug 2019 05:41

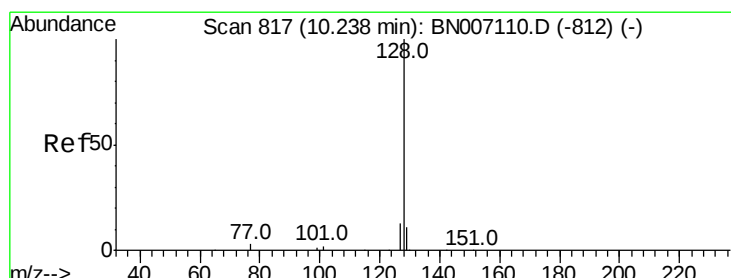
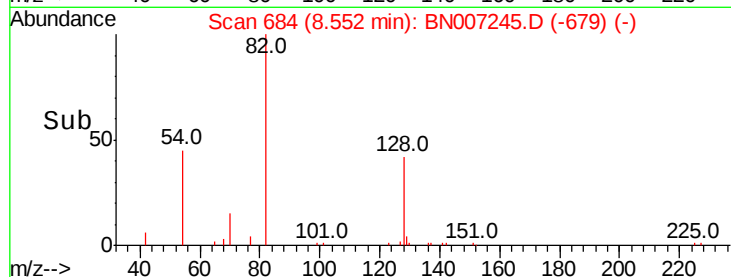
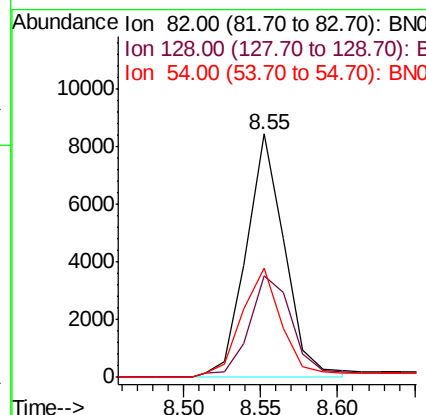
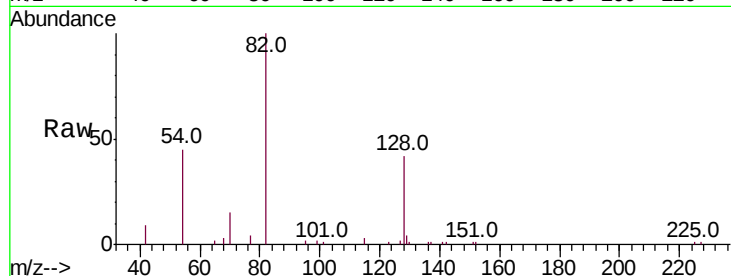
Instrument :

BNA_N

ClientSampled :

Tot Ion:	82	Resp:	14028
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	51.8
54	45.0	36.2	54.4

Manual Integrations
APPROVED



#8

Naphthalene

Concen: 0.379 ng

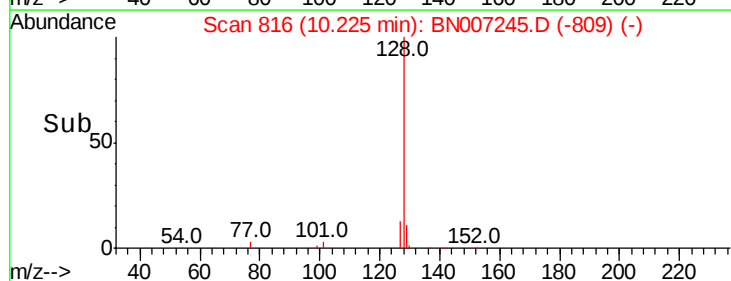
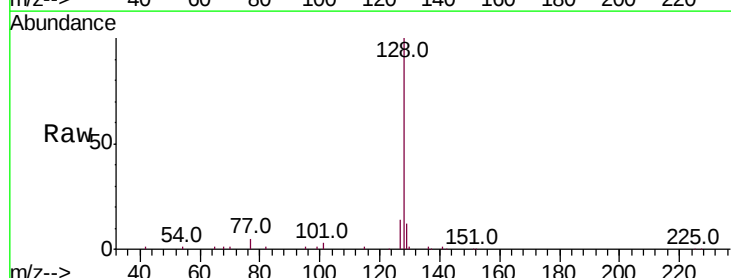
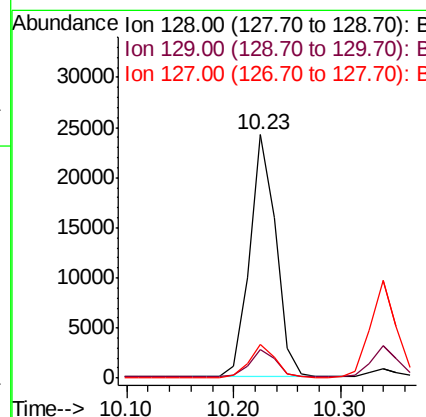
RT: 10.23 min Scan# 816

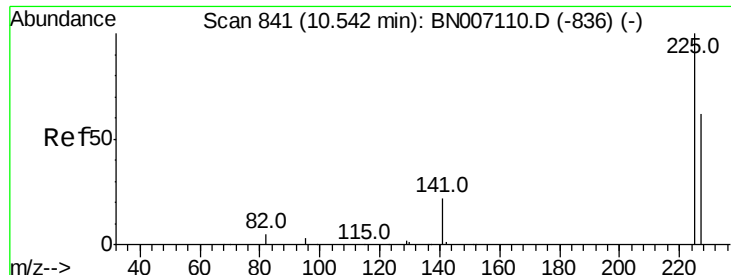
Delta R.T. -0.01 min

Lab File: BN007245.D

Acq: 17 Aug 2019 05:41

Tgt Ion:	128	Resp:	41092
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.6	11.0	16.6





#9

Hexachlorobutadiene

Concen: 0.403 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.03 min

Lab File: BN007245.D

Acq: 17 Aug 2019 05:41

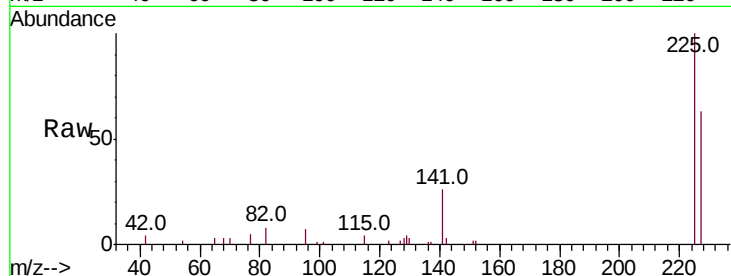
Instrument :

BNA_N

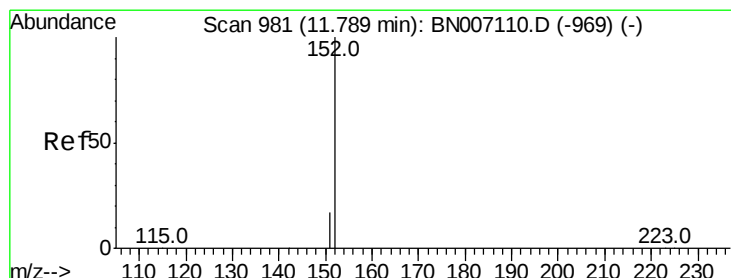
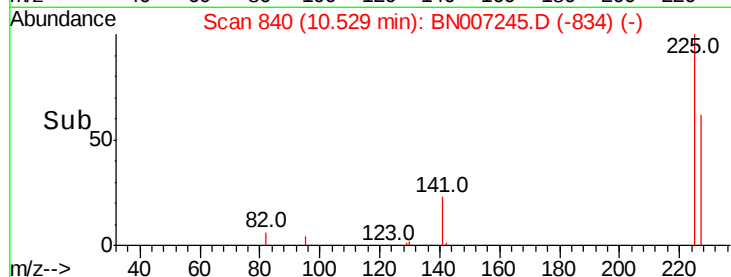
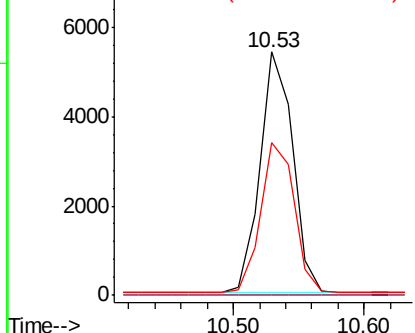
ClientSampleId :

Tot Ion:	225	Resp:	9319
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.2	51.1	76.7

Manual Integrations
APPROVED



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#10

2-Methylnaphthalene-d10

Concen: 0.375 ng

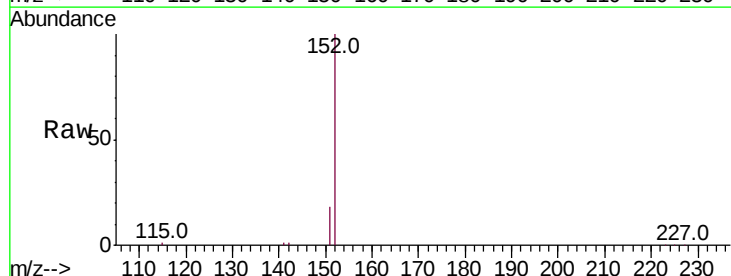
RT: 11.78 min Scan# 979

Delta R.T. -0.01 min

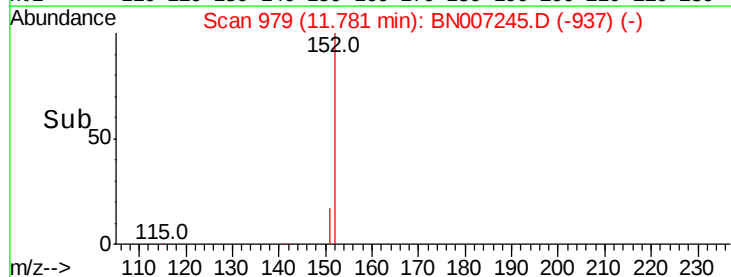
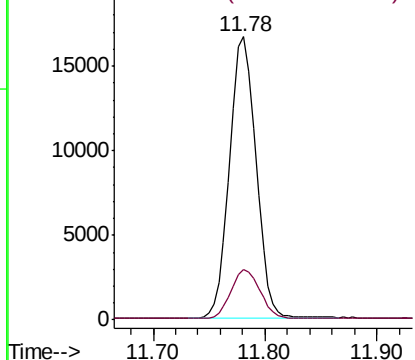
Lab File: BN007245.D

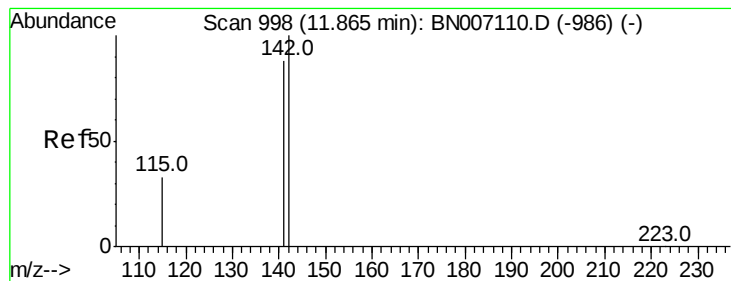
Acq: 17 Aug 2019 05:41

Tgt Ion:	152	Resp:	27035
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.5	23.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.385 ng

RT: 11.86 min Scan# 996

Delta R.T. -0.01 min

Lab File: BN007245.D

Acq: 17 Aug 2019 05:41

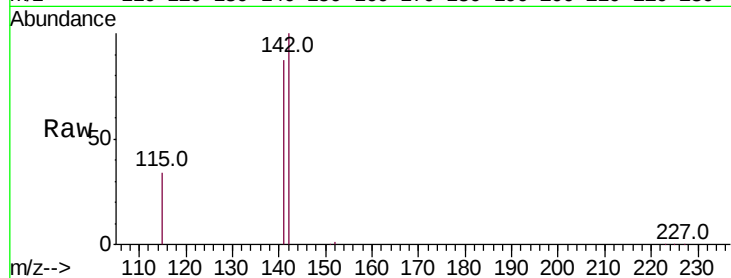
Instrument :

BNA_N

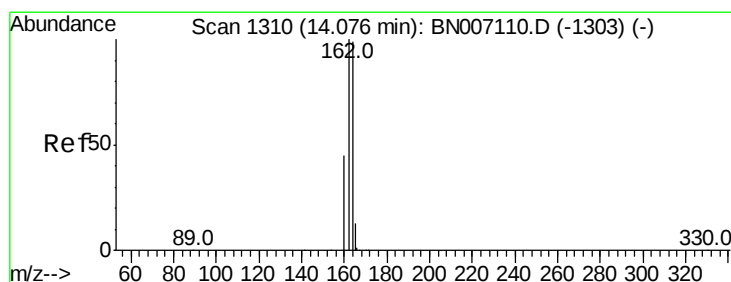
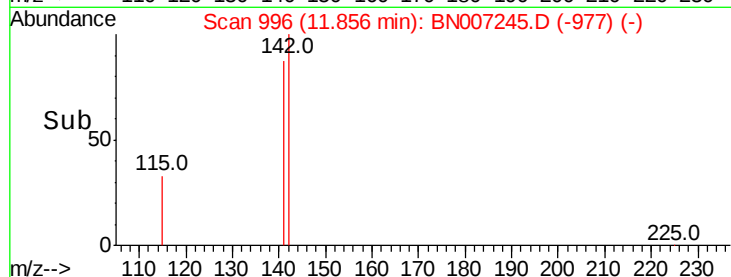
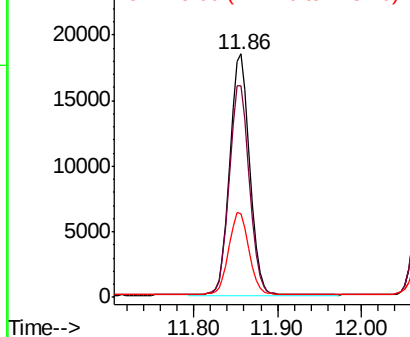
ClientSampled :

Tot Ion:	142	Resp:	29577
Ion Ratio	Lower	Upper	
142	100		
141	86.7	69.0	103.6
115	34.3	27.1	40.7

Manual Integrations
APPROVED



Abundance Ion 142.00 (141.70 to 142.70): E
25000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 0.400 ng

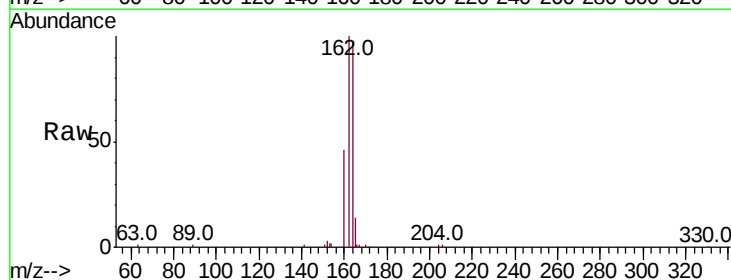
RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

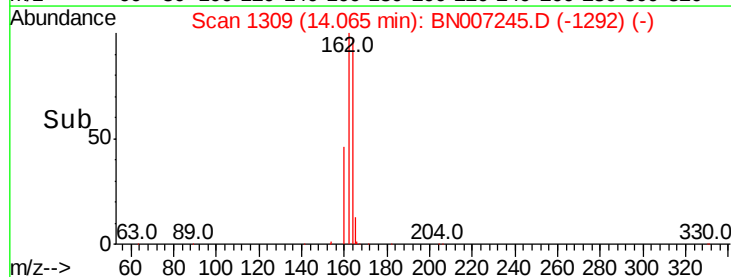
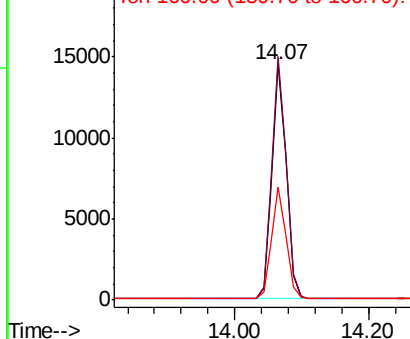
Lab File: BN007245.D

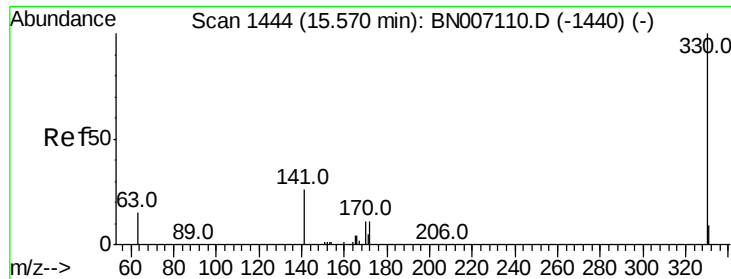
Acq: 17 Aug 2019 05:41

Tgt Ion:	164	Resp:	21384
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.2	123.4
160	47.8	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
20000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



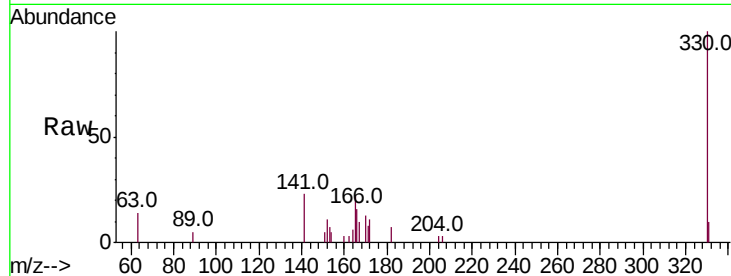


#13
 2,4,6-Tribromophenol
 Concen: 0.388 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007245.D
 Acq: 17 Aug 2019 05:41

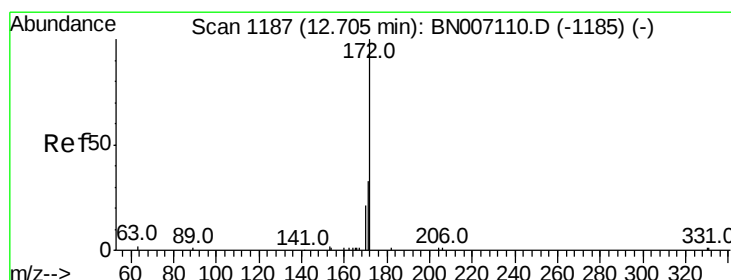
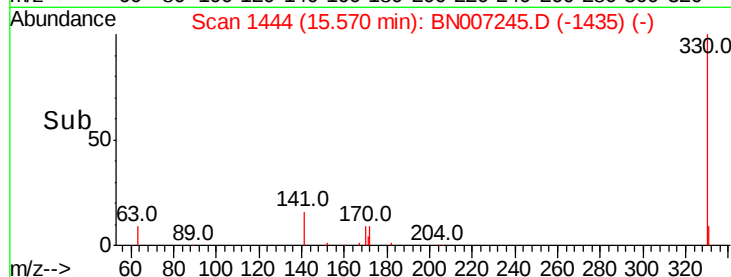
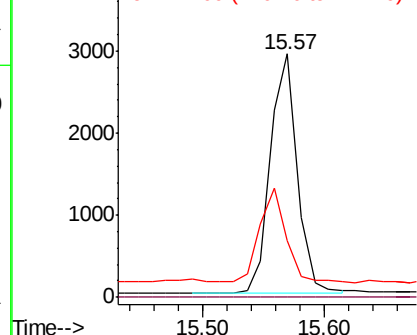
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.7	33.6	50.4

Manual Integrations
 APPROVED

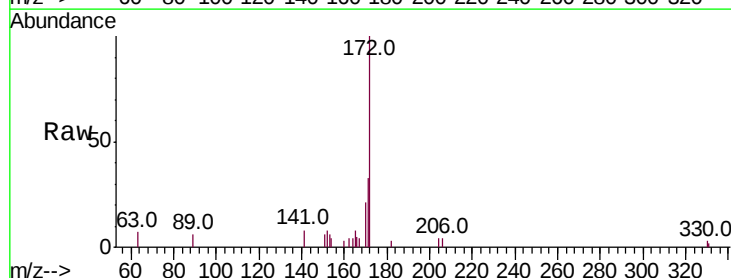


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

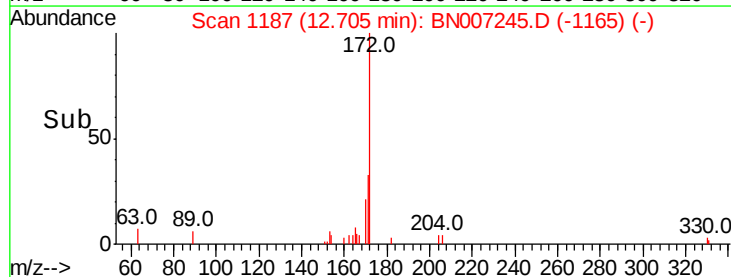
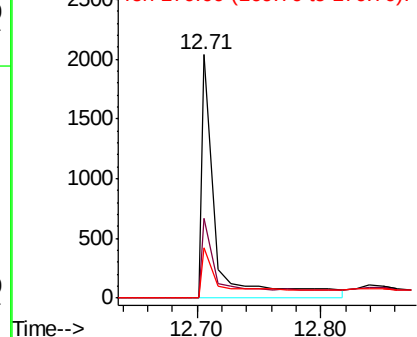


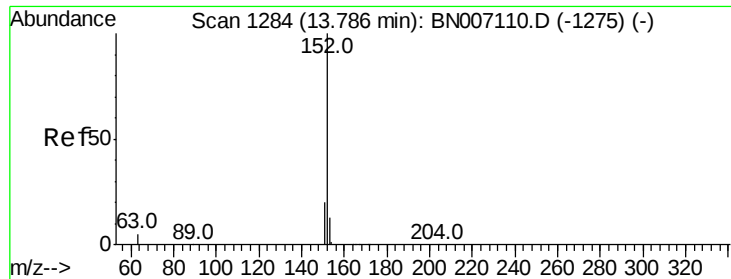
#14
 2-Fluorobiphenyl
 Concen: 0.059 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007245.D
 Acq: 17 Aug 2019 05:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.3	39.5
170	20.5	17.0	25.4



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



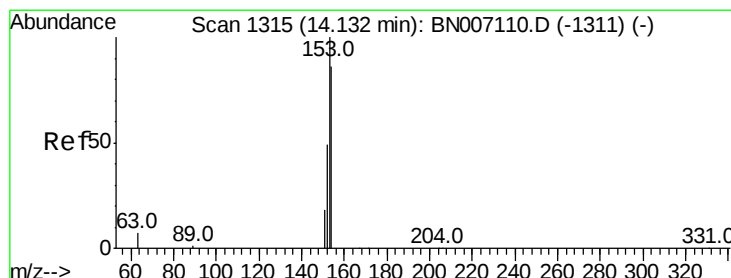
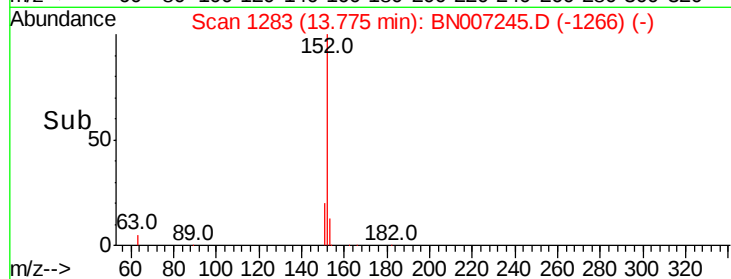
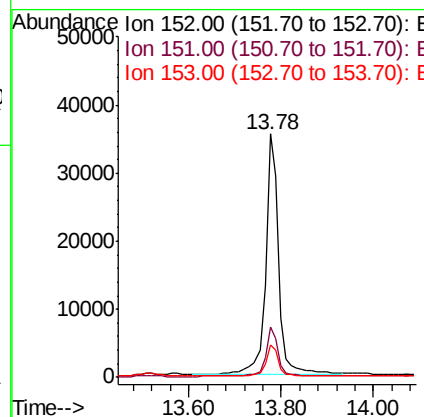
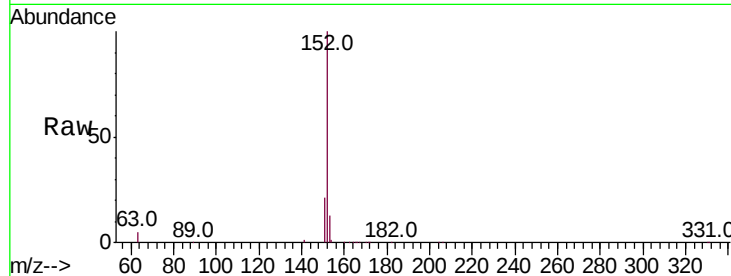


#15
Acenaphthylene
Concen: 0.621 ng
RT: 13.78 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN007245.D
Acq: 17 Aug 2019 05:41

Instrument :
BNA_N
ClientSampled :

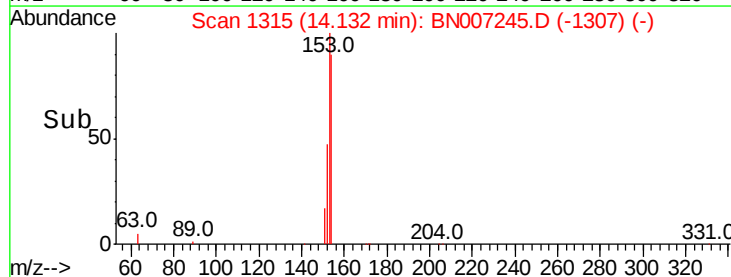
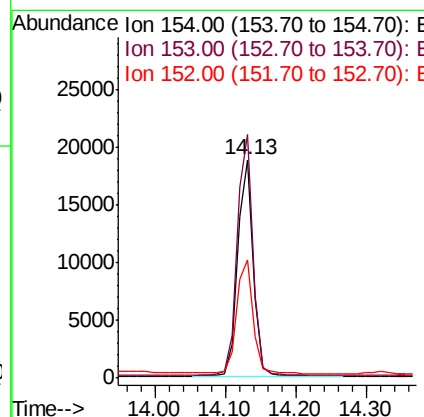
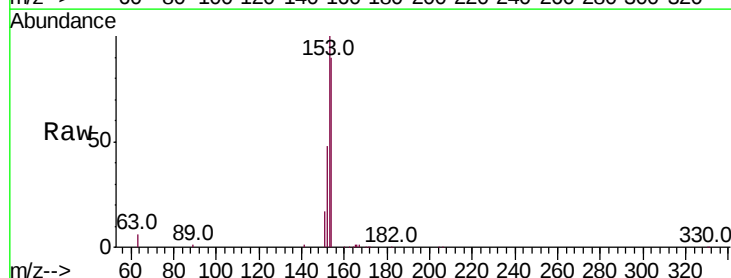
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	12.4	10.4	15.6

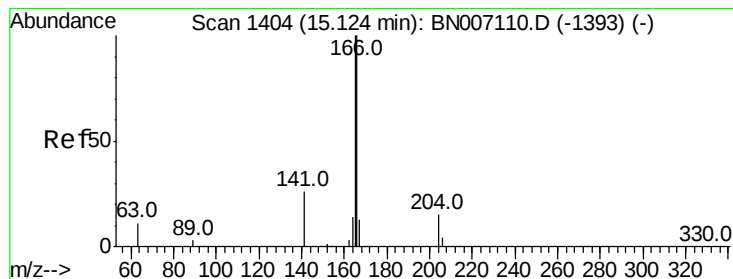
Manual Integrations
APPROVED



#16
Acenaphthene
Concen: 0.408 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007245.D
Acq: 17 Aug 2019 05:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.5	134.3
152	55.7	44.8	67.2





#17

Fluorene

Concen: 0.375 ng

RT: 15.12 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN007245.D

Acq: 17 Aug 2019 05:41

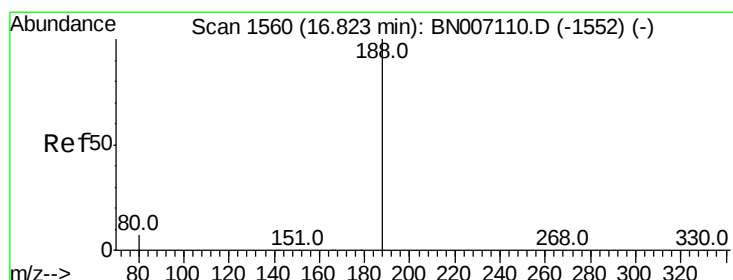
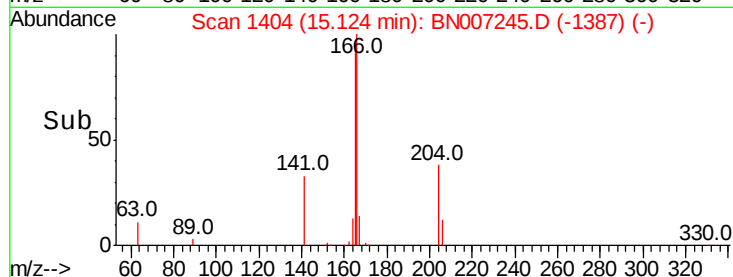
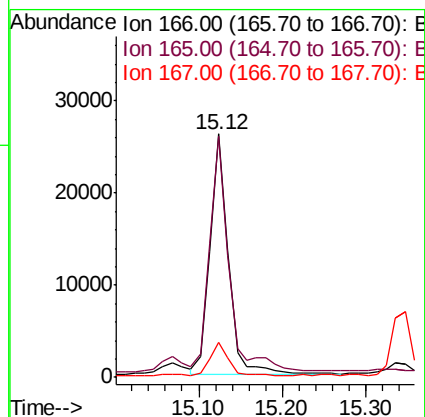
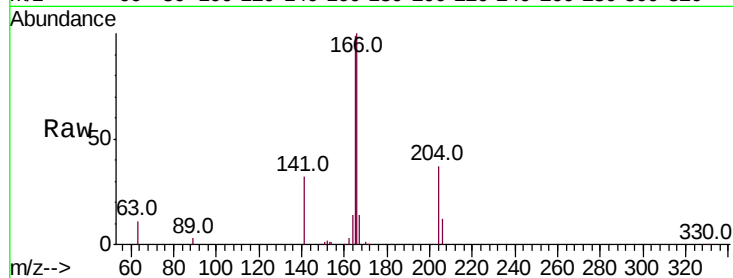
Instrument :

BNA_N

ClientSampleId :

Tot Ion:	166	Resp:	40135
Ion Ratio	Lower	Upper	
166	100		
165	103.2	77.9	116.9
167	13.0	10.9	16.3

Manual Integrations
APPROVED



#18

Phenanthrene-d10

Concen: 0.400 ng

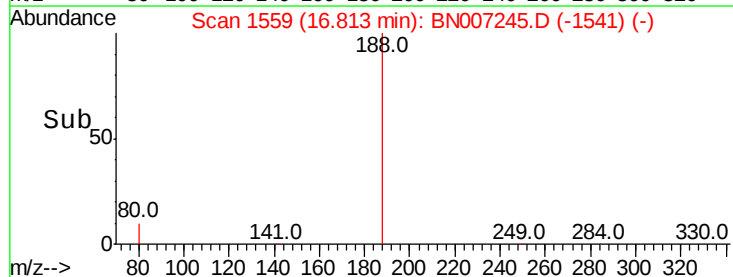
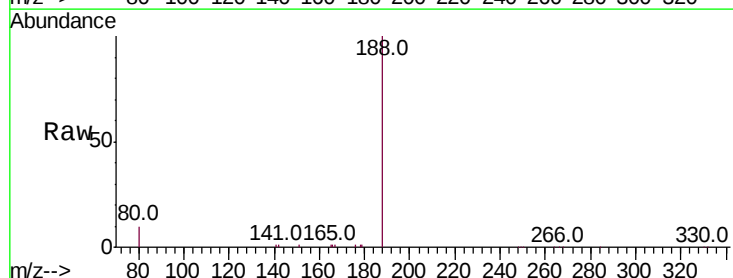
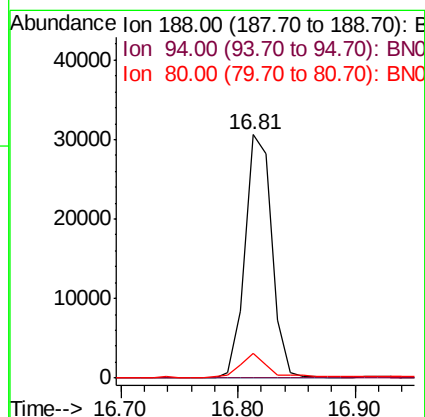
RT: 16.81 min Scan# 1559

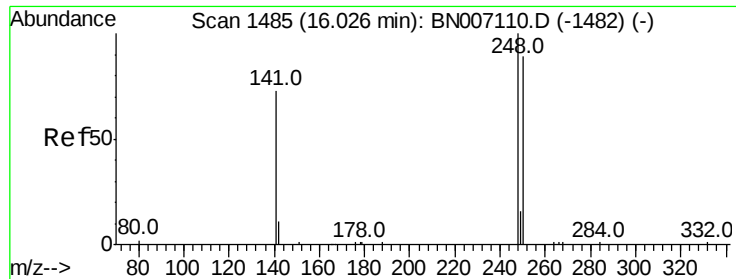
Delta R.T. -0.01 min

Lab File: BN007245.D

Acq: 17 Aug 2019 05:41

Tgt Ion:	188	Resp:	48350
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.9	7.8	11.6





#19

4-Bromophenyl-phenylether

Concen: 0.388 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007245.D

Acq: 17 Aug 2019 05:41

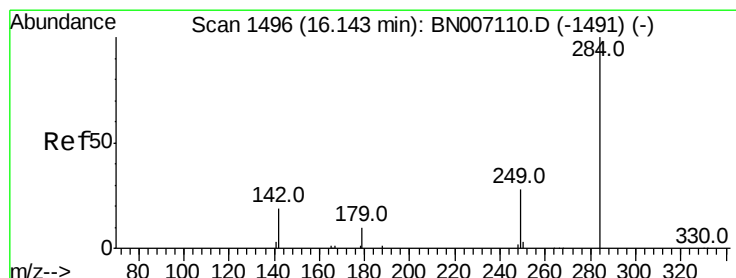
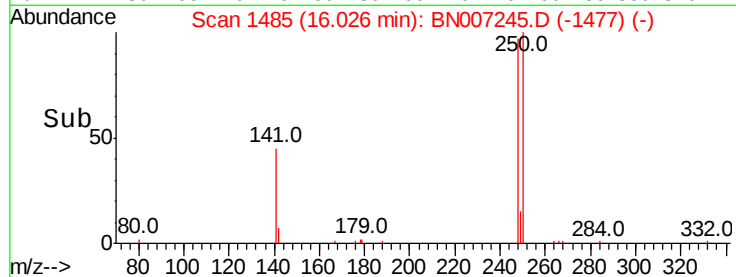
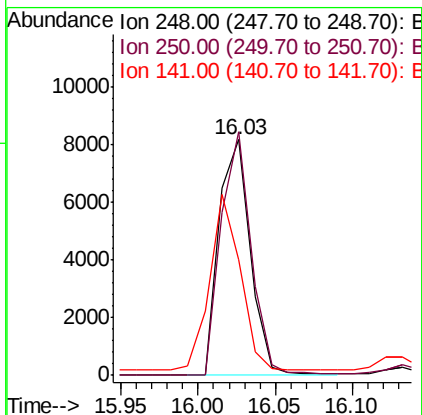
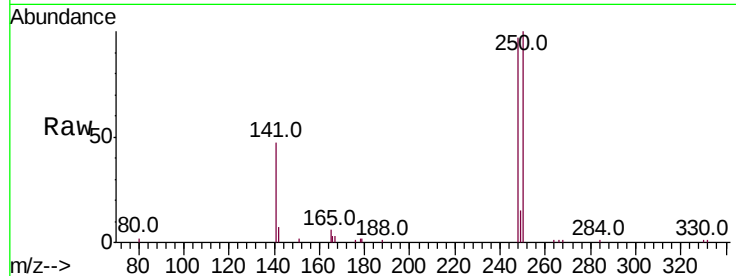
Instrument :

BNA_N

ClientSampled :

Tot Ion:	248	Resp:	11588
Ion Ratio	Lower	Upper	
248	100		
250	103.2	78.9	118.3
141	48.8	43.3	64.9

Manual Integrations
APPROVED



#20

Hexachlorobenzene

Concen: 0.429 ng

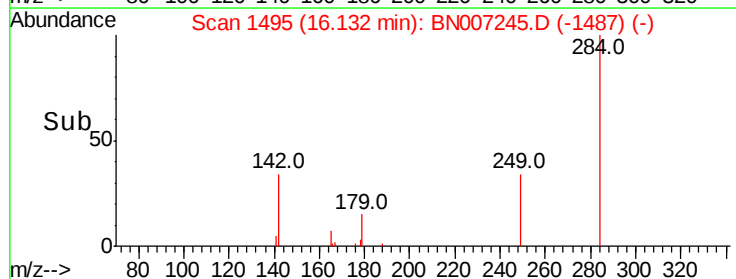
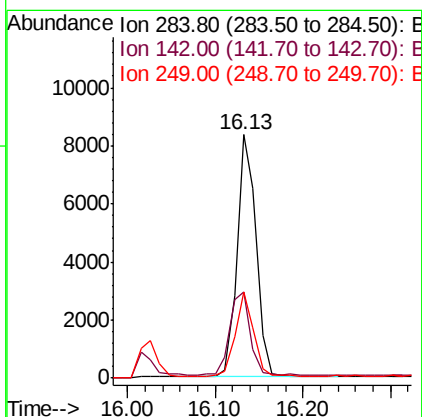
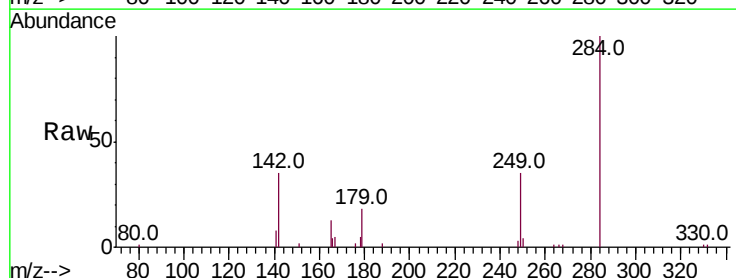
RT: 16.13 min Scan# 1495

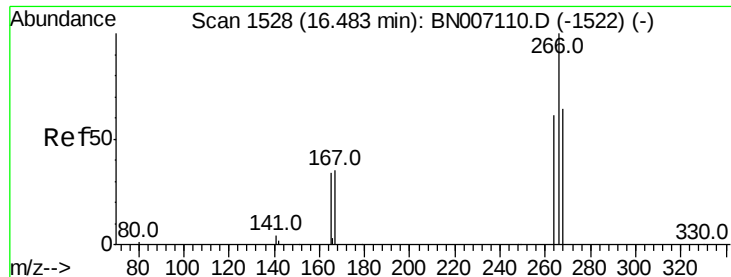
Delta R.T. -0.01 min

Lab File: BN007245.D

Acq: 17 Aug 2019 05:41

Tgt Ion:	284	Resp:	12337
Ion Ratio	Lower	Upper	
284	100		
142	36.7	30.5	45.7
249	33.1	26.7	40.1



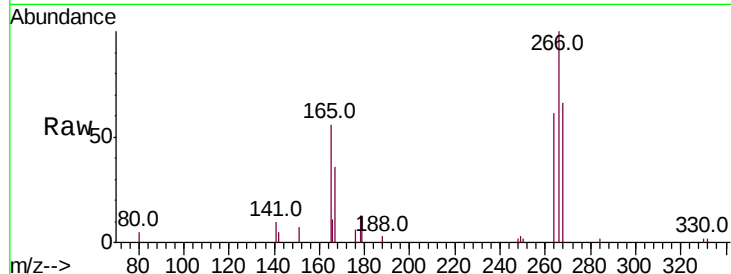


#21
 Pentachlorophenol
 Concen: 0.455 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007245.D
 Acq: 17 Aug 2019 05:41

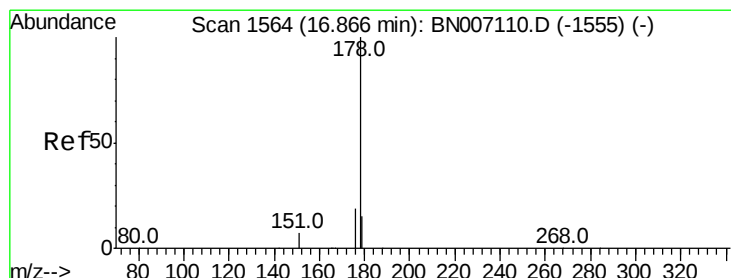
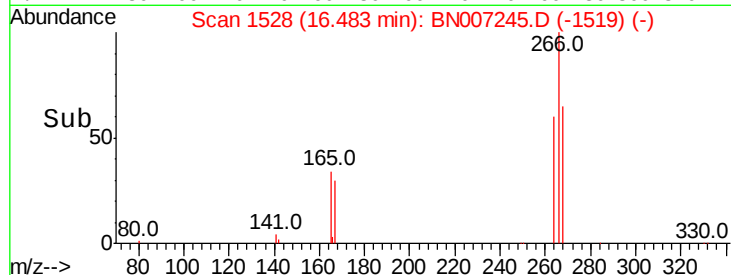
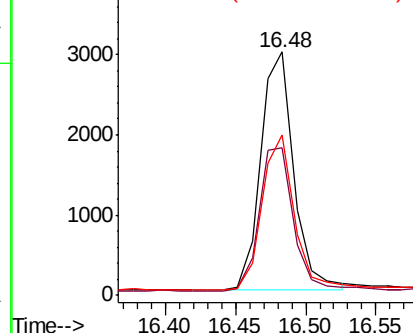
Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
264	60.8	52.3	78.5
268	65.8	51.5	77.3

Manual Integrations
 APPROVED

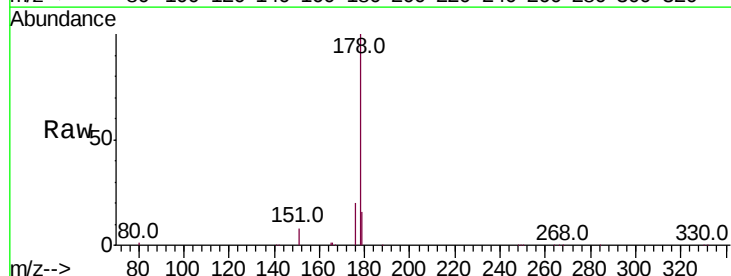


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

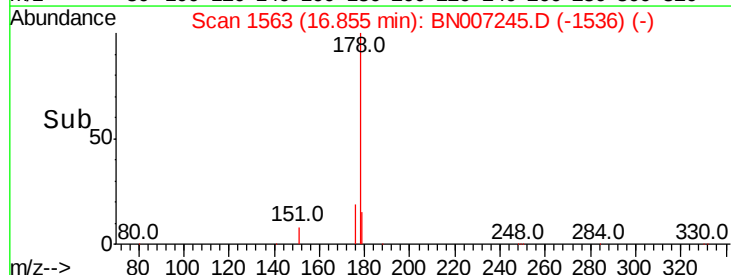
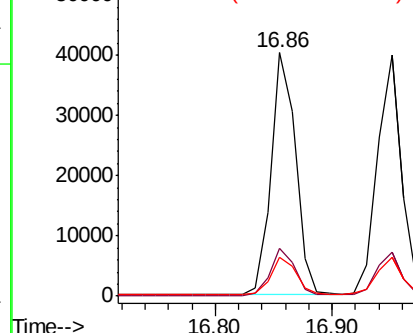


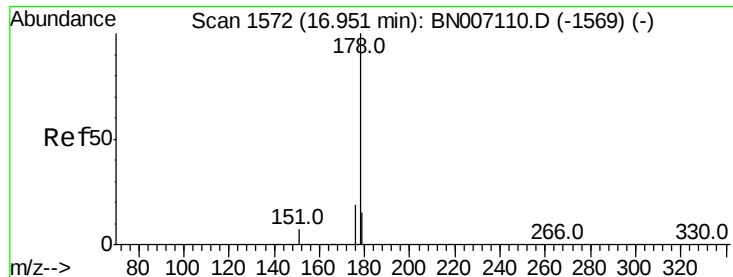
#22
 Phenanthrene
 Concen: 0.407 ng
 RT: 16.86 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BN007245.D
 Acq: 17 Aug 2019 05:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	16.0	12.3	18.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



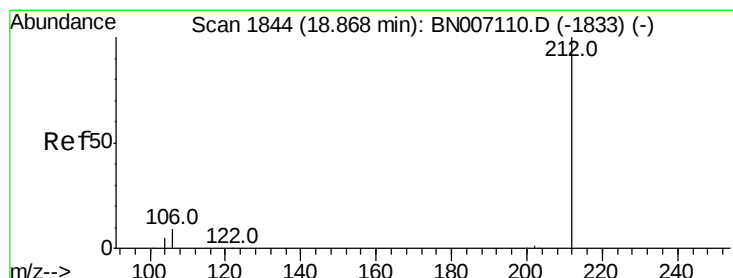
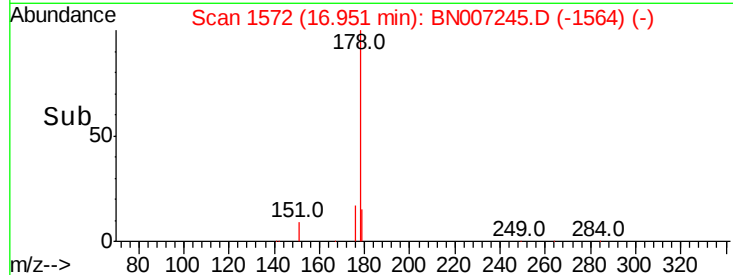
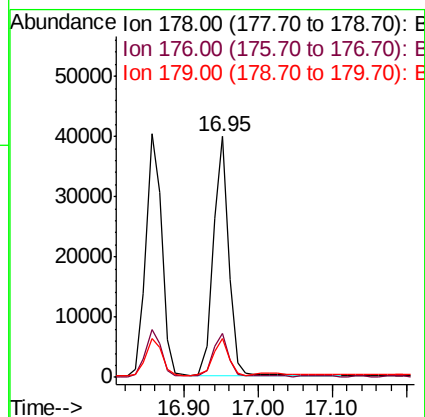
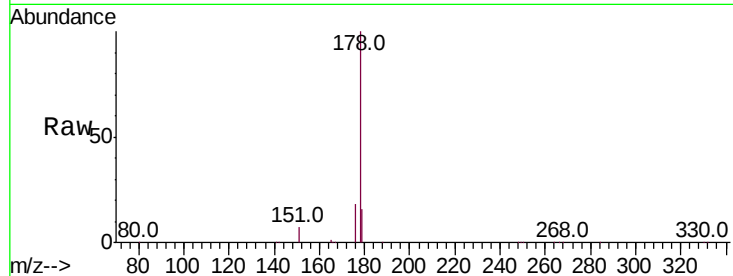


#23
 Anthracene
 Concen: 0.436 ng
 RT: 16.95 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BN007245.D
 Acq: 17 Aug 2019 05:41

Instrument :
 BNA_N
 ClientSampled :

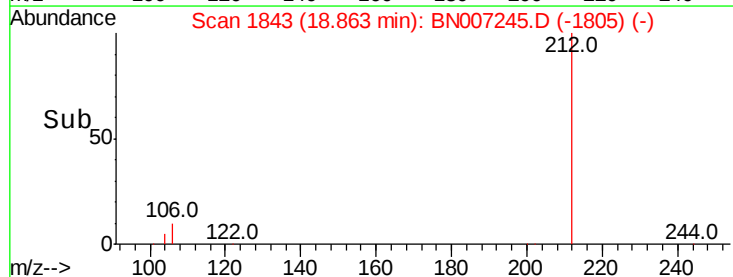
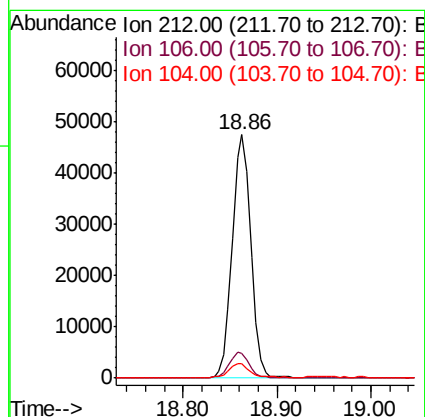
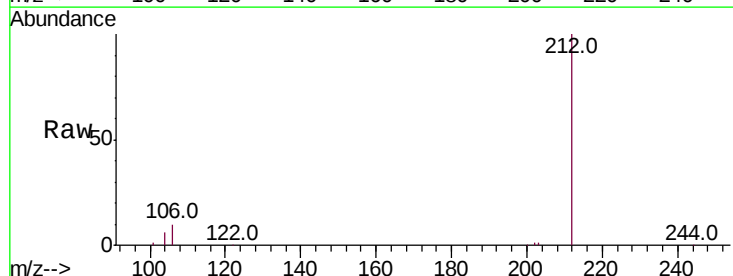
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.2	12.5	18.7

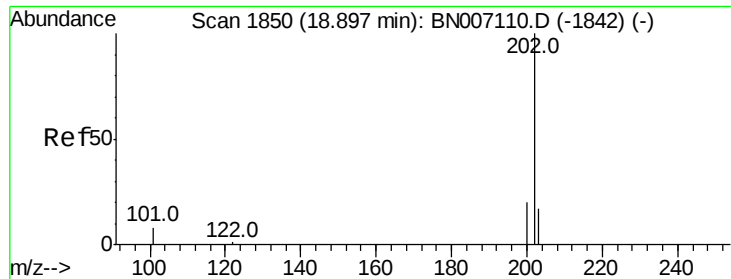
Manual Integrations
 APPROVED



#24
 Fluoranthene-d10
 Concen: 0.375 ng
 RT: 18.86 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BN007245.D
 Acq: 17 Aug 2019 05:41

Tgt Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.2	12.2
104	5.8	4.5	6.7



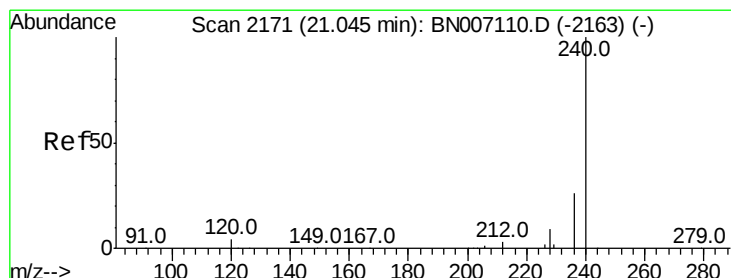
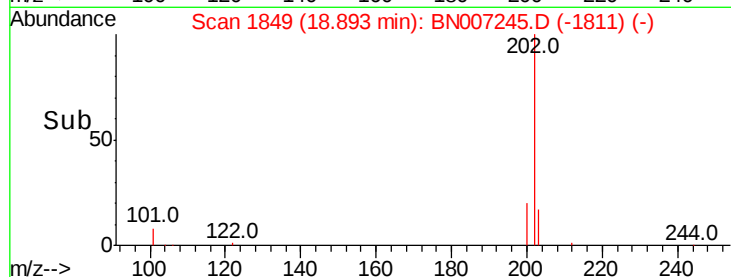
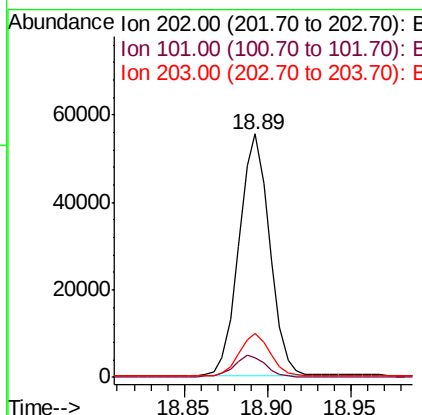
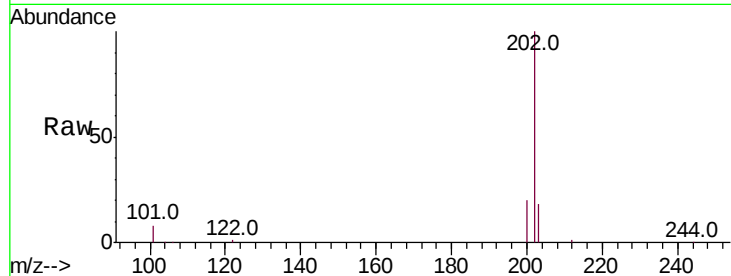


#25
 Fluoranthene
 Concen: 0.382 ng
 RT: 18.89 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BN007245.D
 Acq: 17 Aug 2019 05:41

Instrument :
 BNA_N
 ClientSampleId :

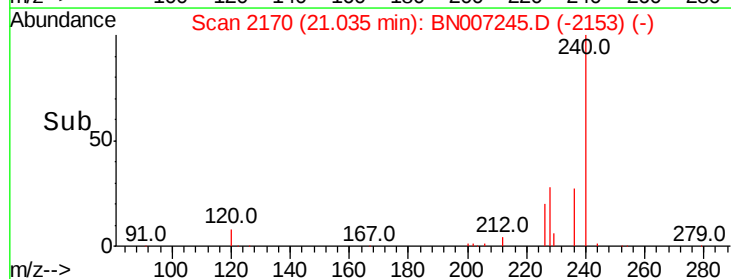
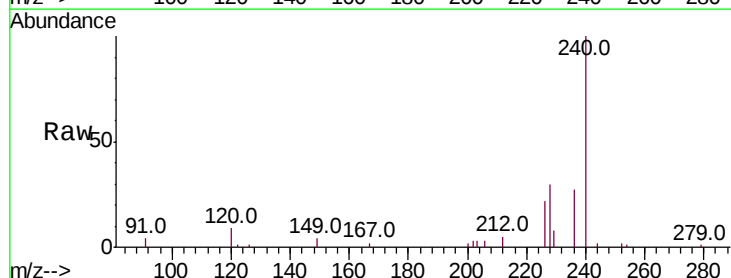
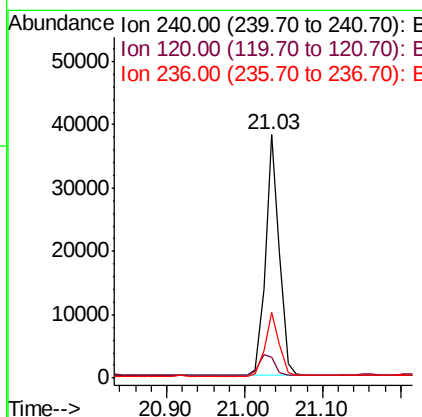
Tot Ion	Ratio	Resp	Lower	Upper
202	100	70852		
101	8.8		7.0	10.4
203	17.2		13.8	20.8

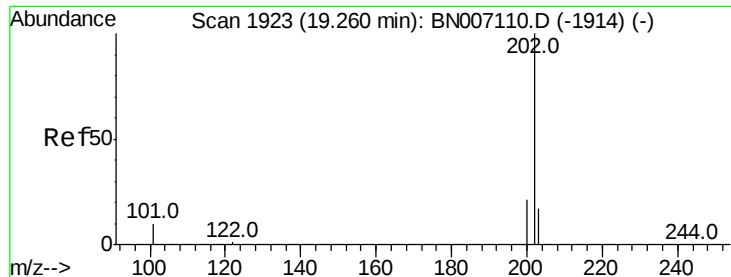
Manual Integrations
 APPROVED



#26
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.03 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BN007245.D
 Acq: 17 Aug 2019 05:41

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	47530		
120	8.7		4.0	6.0#
236	27.2		21.3	31.9





#27

Pvrene

Concen: 0.453 ng

RT: 19.25 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BN007245.D

Acq: 17 Aug 2019 05:41

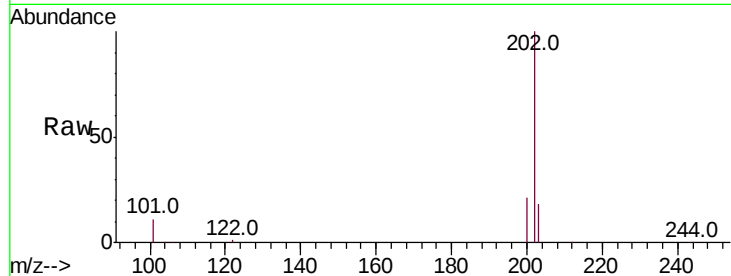
Instrument :

BNA_N

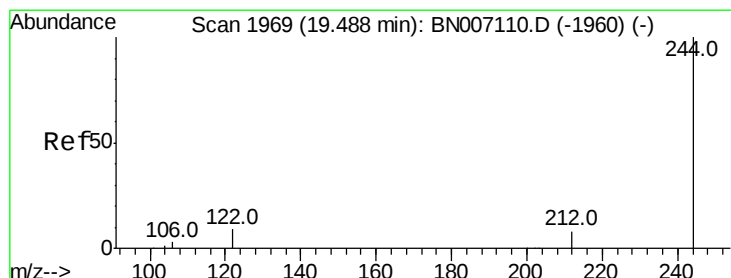
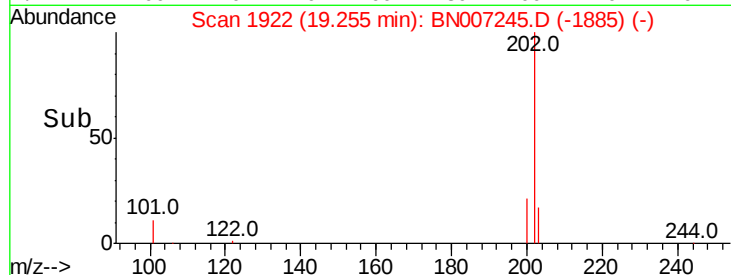
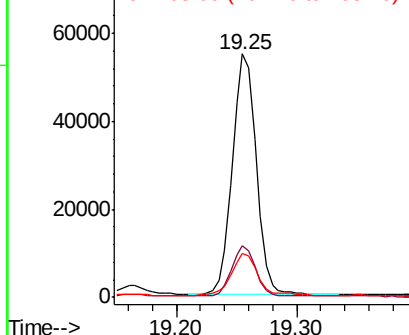
ClientSampleId :

Tot Ion:	202	Resp:	75449
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	24.8
203	19.3	14.0	21.0

Manual Integrations
APPROVED



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#28

Terphenyl-d14

Concen: 0.434 ng

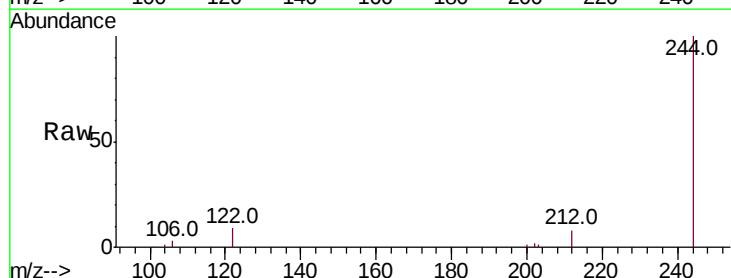
RT: 19.48 min Scan# 1968

Delta R.T. -0.01 min

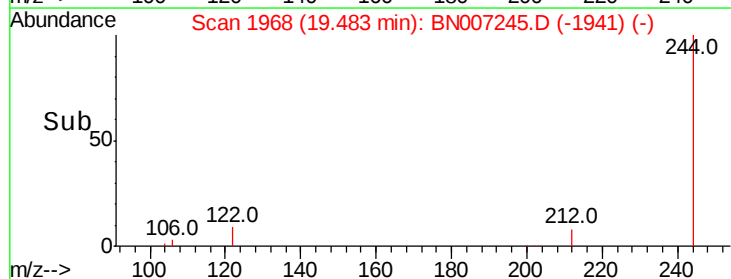
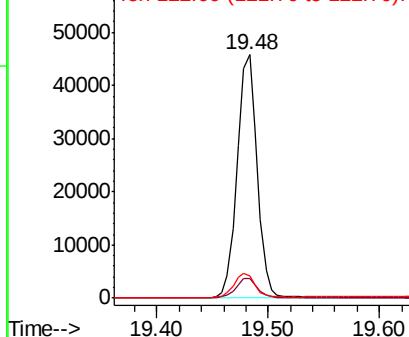
Lab File: BN007245.D

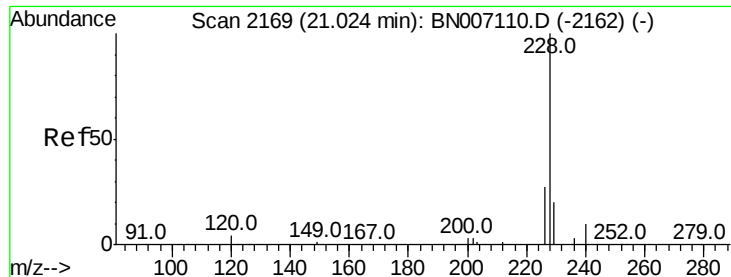
Acq: 17 Aug 2019 05:41

Tgt Ion:	244	Resp:	56193
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.2	9.2
122	9.0	7.4	11.2



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



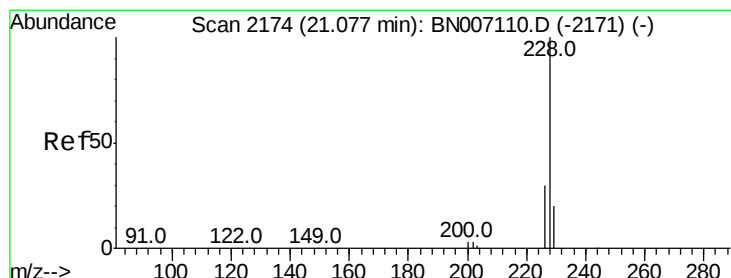
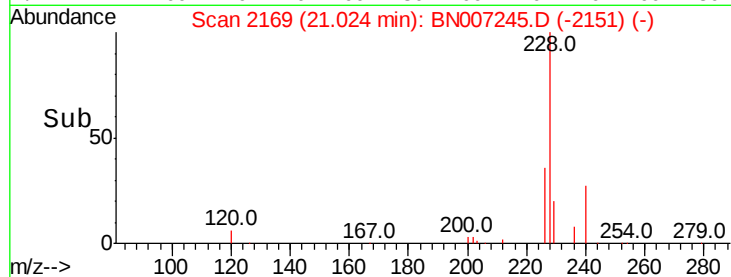
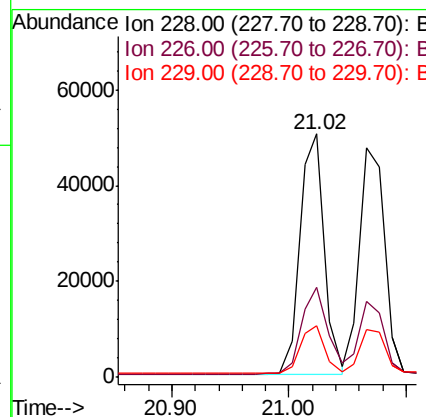
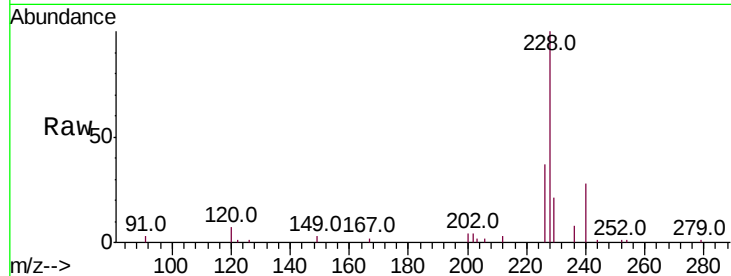


#29
Benzo(a)anthracene
Concen: 0.419 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007245.D
Acq: 17 Aug 2019 05:41

Instrument :
BNA_N
ClientSampleId :

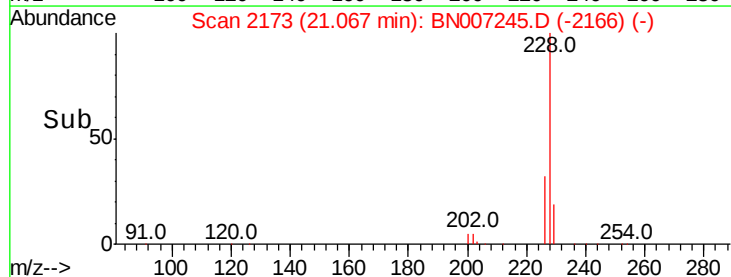
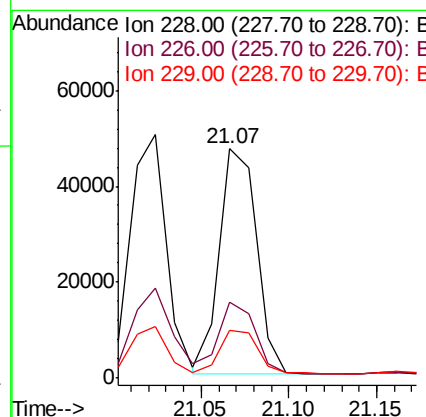
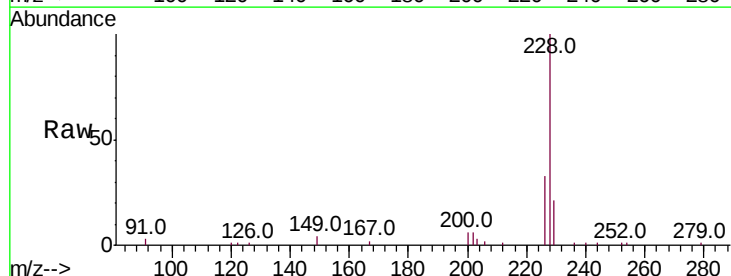
Tot Ion	Ratio	Lower	Upper
228	100		
226	37.2	21.8	32.6#
229	21.4	15.6	23.4

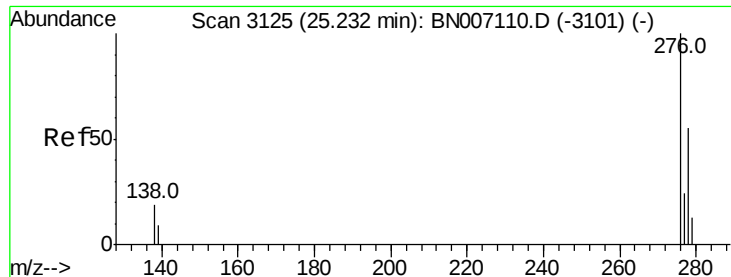
Manual Integrations
APPROVED



#30
Chrysene
Concen: 0.410 ng
RT: 21.07 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BN007245.D
Acq: 17 Aug 2019 05:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.8	35.6
229	20.7	15.7	23.5



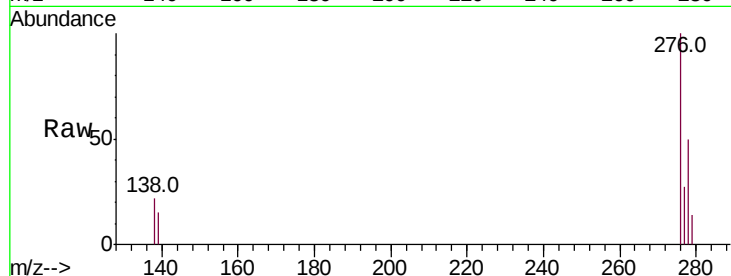


#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.439 ng
 RT: 25.22 min Scan# 3122
 Delta R.T. -0.03 min
 Lab File: BN007245.D
 Acq: 17 Aug 2019 05:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	16.0	24.0
277	25.1	19.9	29.9

Manual Integrations
 APPROVED

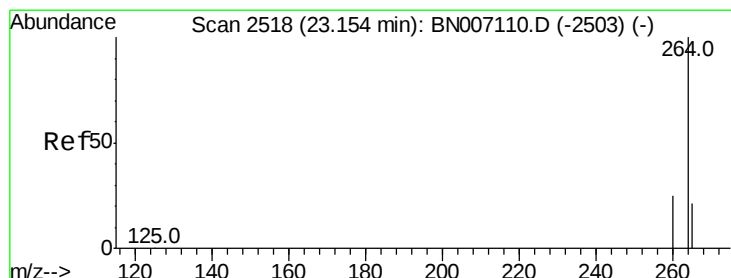
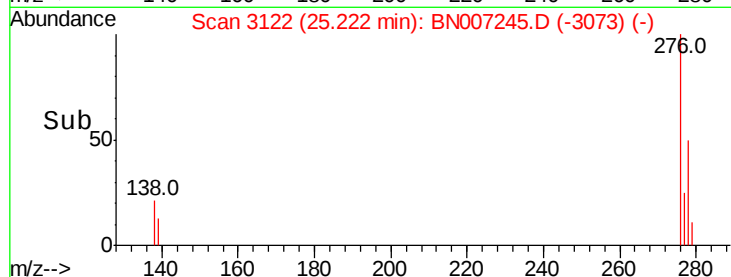
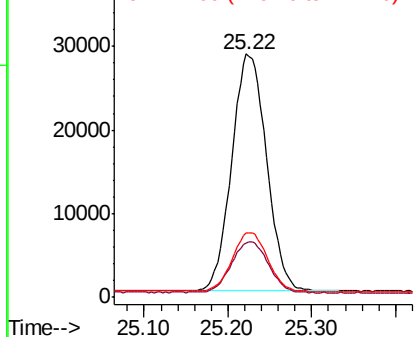


Abundance

Ion 276.00 (275.70 to 276.70): E

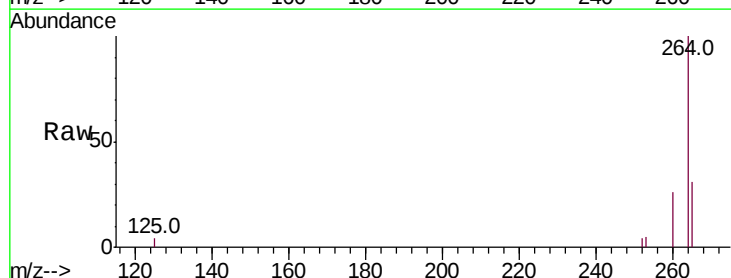
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BN007245.D
 Acq: 17 Aug 2019 05:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.8	29.8
265	30.6	26.2	39.4

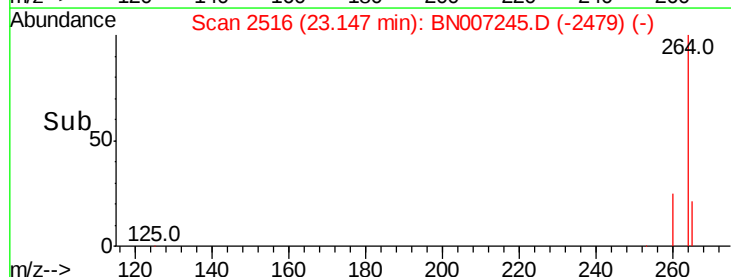
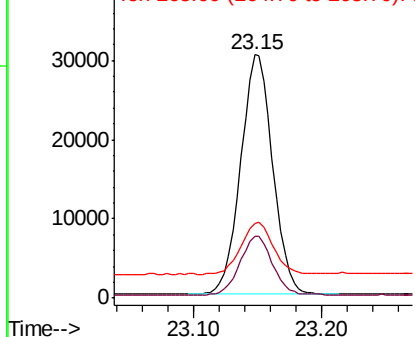


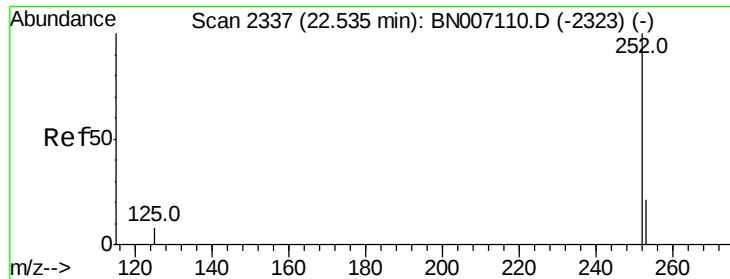
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



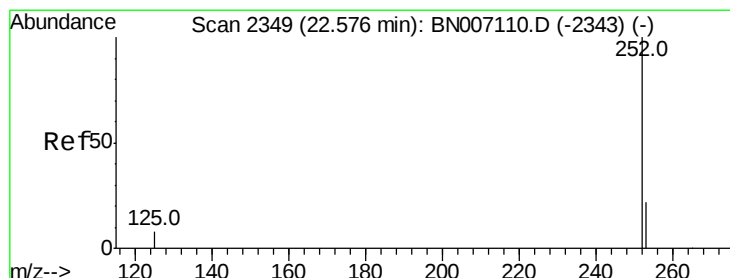
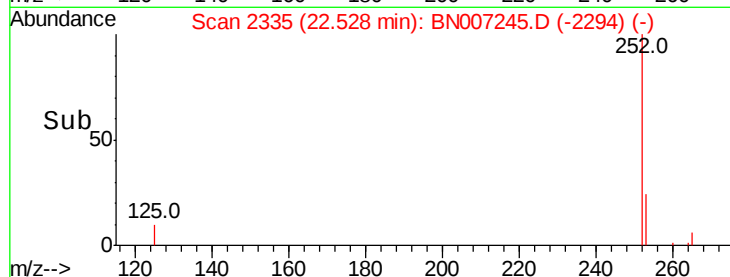
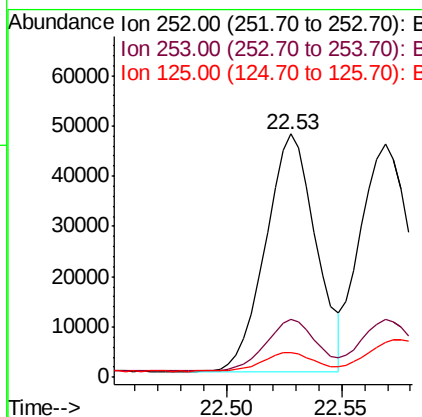
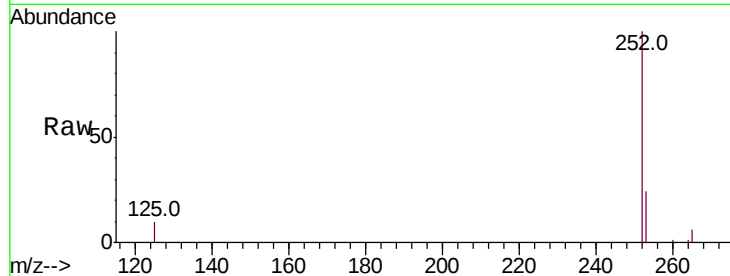


#33
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.53 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BN007245.D
Acq: 17 Aug 2019 05:41

Instrument :
BNA_N
ClientSampleId :

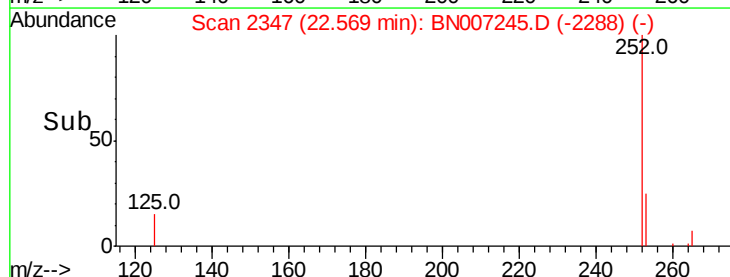
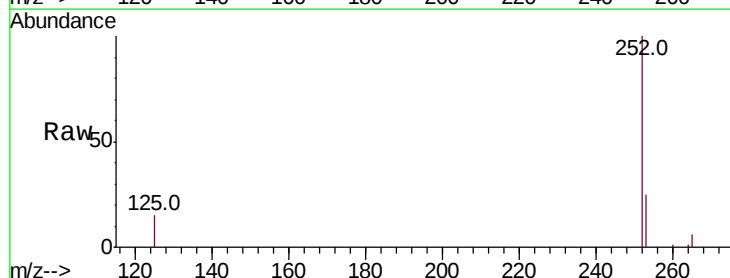
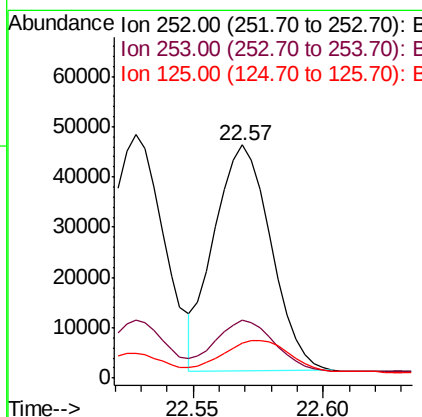
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	10.2	7.4	11.0

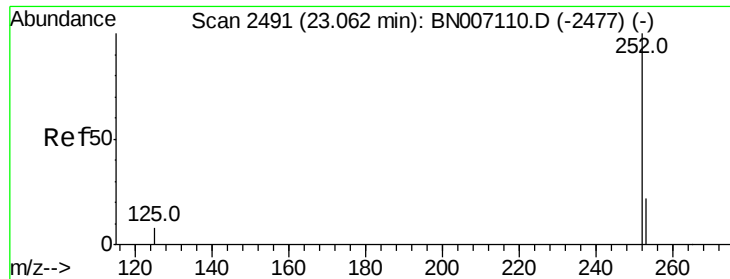
Manual Integrations
APPROVED



#34
Benzo(k)fluoranthene
Concen: 0.383 ng m
RT: 22.57 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BN007245.D
Acq: 17 Aug 2019 05:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	14.8	7.4	11.0



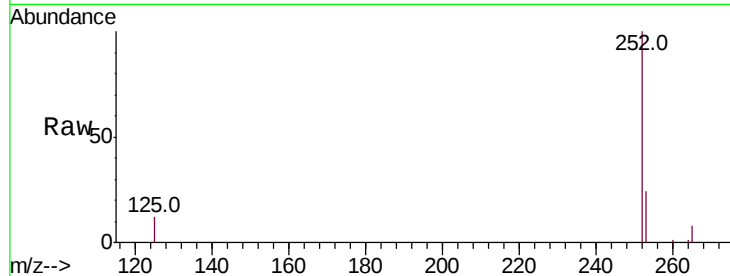


#35
Benzo(a)pyrene
Concen: 0.418 ng
RT: 23.06 min Scan# 2490
Delta R.T. -0.02 min
Lab File: BN007245.D
Acq: 17 Aug 2019 05:41

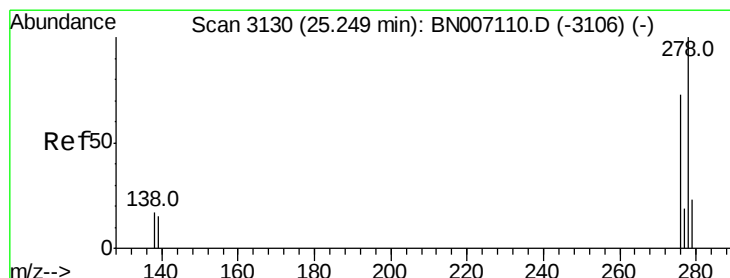
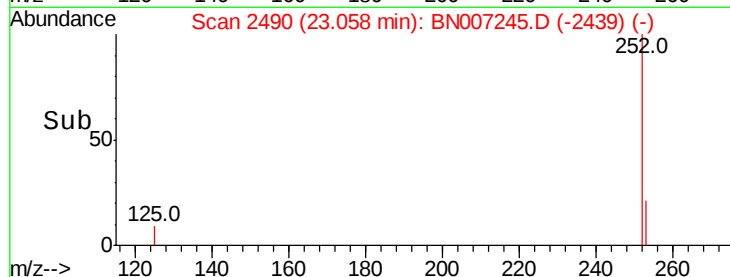
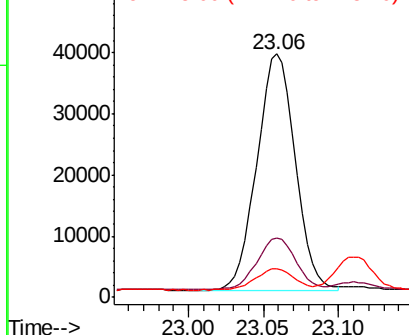
Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	11.7	8.2	12.4

Manual Integrations
APPROVED

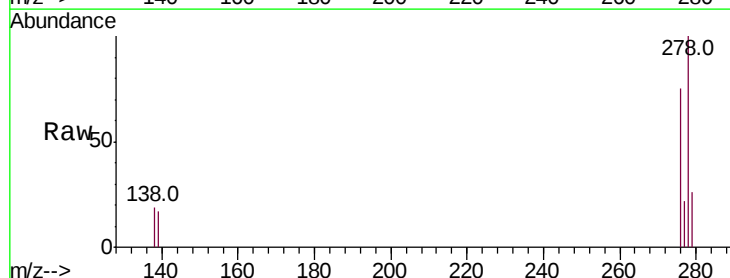


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

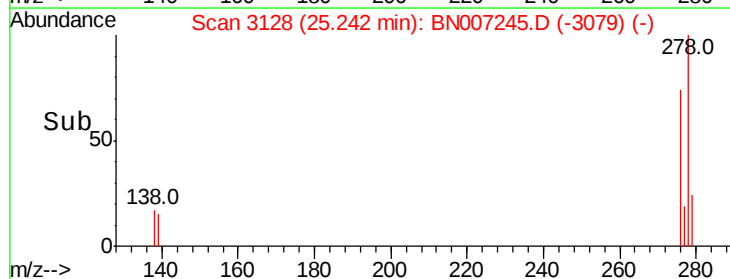
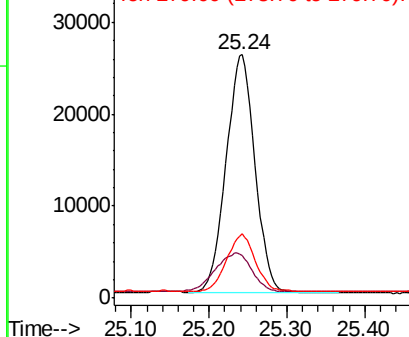


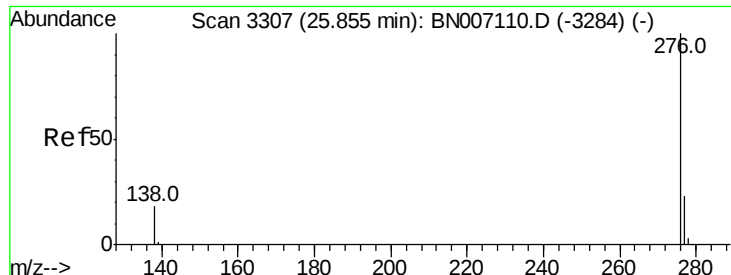
#36
Dibenzo(a,h)anthracene
Concen: 0.412 ng
RT: 25.24 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BN007245.D
Acq: 17 Aug 2019 05:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	11.3	16.9#
279	26.3	19.3	28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



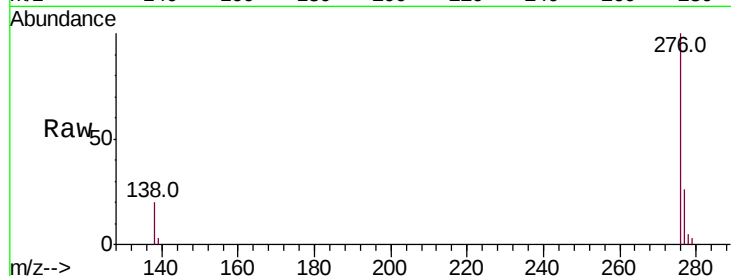


#37
 Benzo(a,h,i)perylene
 Concen: 0.403 ng
 RT: 25.85 min Scan# 3306
 Delta R.T. -0.03 min
 Lab File: BN007245.D
 Acq: 17 Aug 2019 05:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.8	29.8
138	19.5	14.6	22.0

Manual Integrations
 APPROVED



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

