

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126219.D
 Acq On : 16 Dec 2021 19:12
 Operator : JU/CG
 Sample : M4812-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:47:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

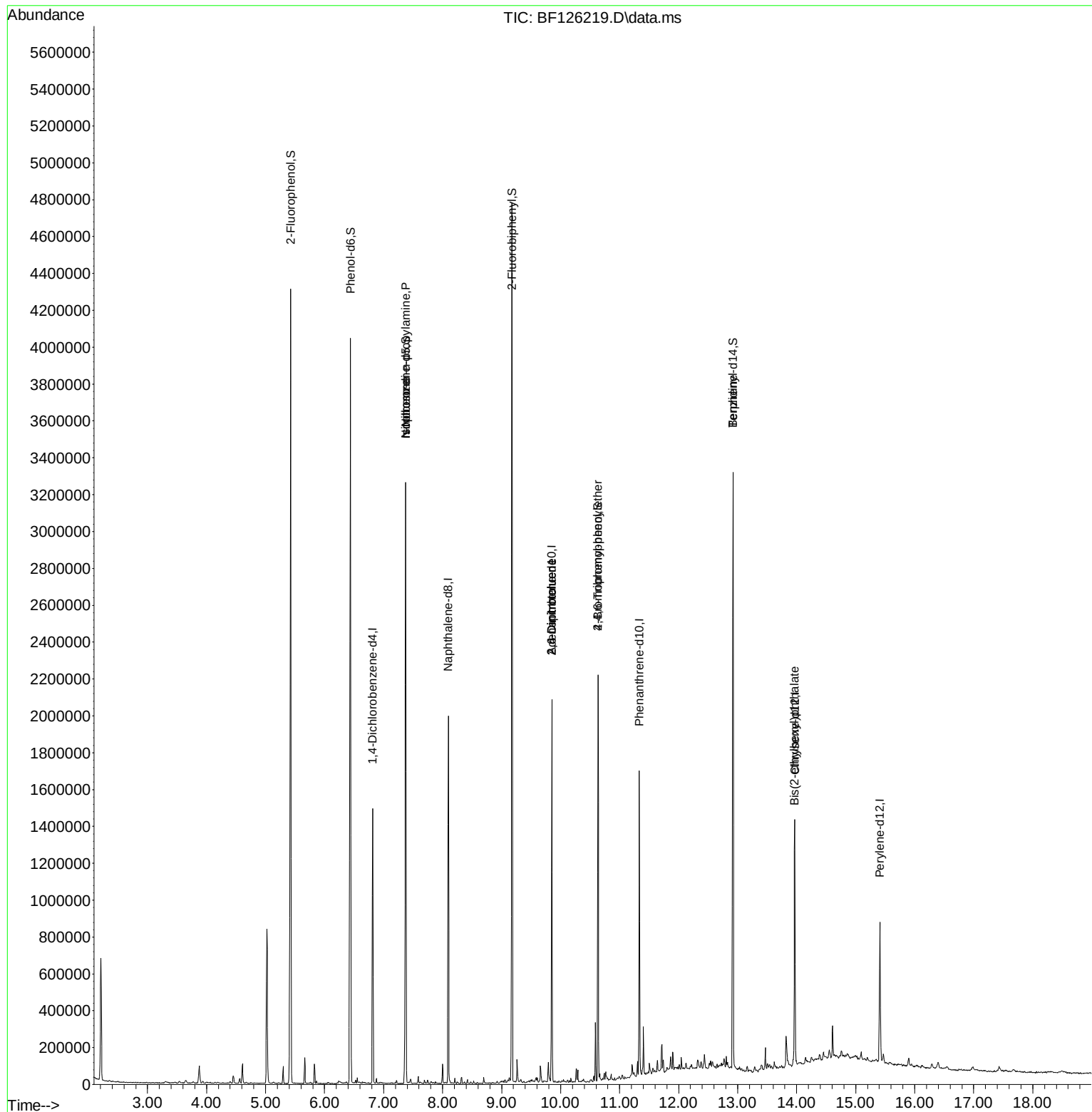
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	193208	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	829151	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	376721	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	530302	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	366603	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	299941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1272767	97.011	ng	0.00
7) Phenol-d6	6.439	99	1685327	101.168	ng	0.00
23) Nitrobenzene-d5	7.375	82	1053013	68.782	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	231258	76.386	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1389961	64.712	ng	0.00
79) Terphenyl-d14	12.921	244	1004151	47.608	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	132874	12.993	ng	# 56
25) Isophorone	7.375	82	1019884	35.277	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	47958	9.285	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	47958	7.279	ng	# 20
67) 4-Bromophenyl-phenylether	10.633	248	12364	2.484	ng	# 1
77) Benzidine	12.921	184	12883	2.229	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	56388	3.184	ng	97

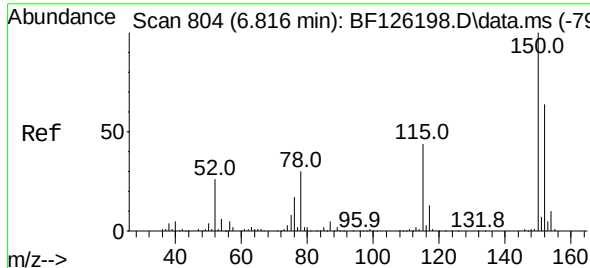
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

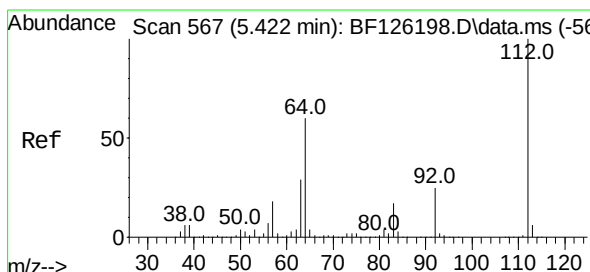
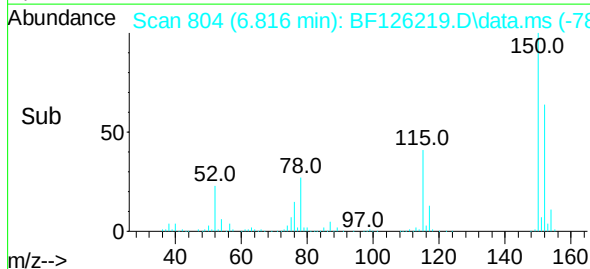
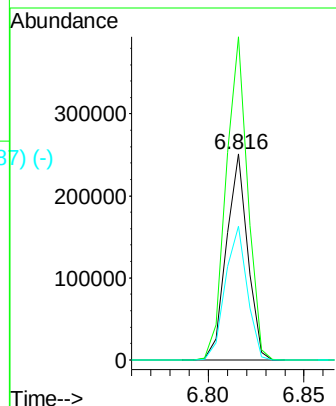
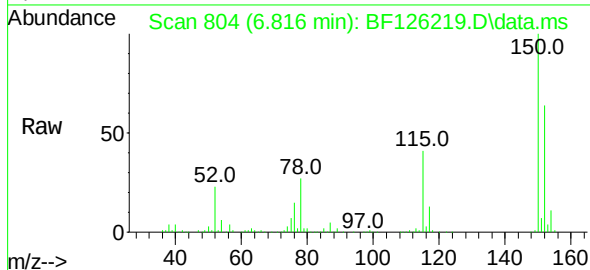




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126219.D
 Acq: 16 Dec 2021 19:12

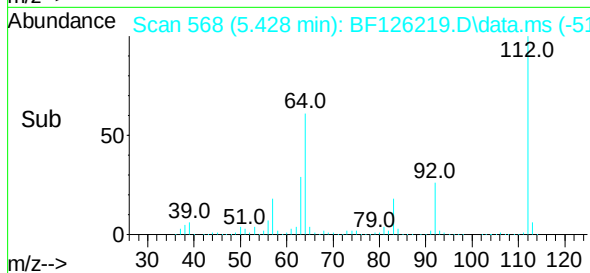
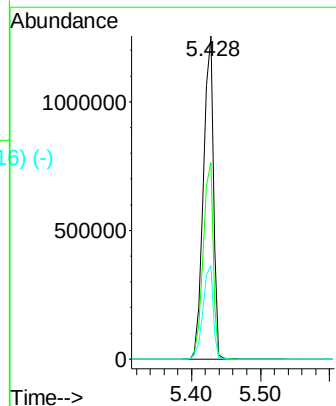
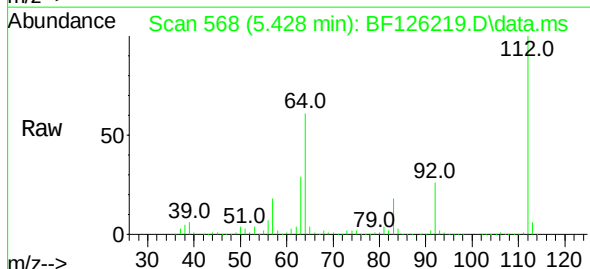
Instrument :
 BNA_F
 ClientSampleId :

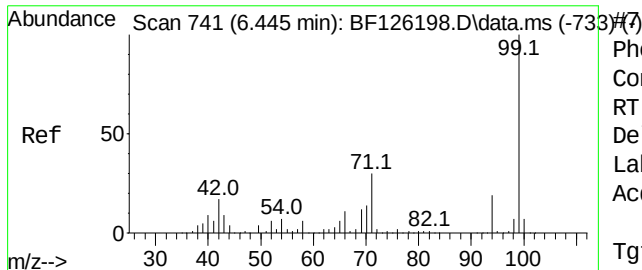
Tgt Ion:152 Resp: 193208
 Ion Ratio Lower Upper
 152 100
 150 156.8 117.6 176.4
 115 65.0 47.1 70.7



2-Fluorophenol
 Concen: 97.011 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF126219.D
 Acq: 16 Dec 2021 19:12

Tgt Ion:112 Resp: 1272767
 Ion Ratio Lower Upper
 112 100
 64 60.8 44.2 66.2
 63 29.0 26.2 39.2





Phenol-d6

Concen: 101.168 ng

RT: 6.439 min Scan#

Delta R.T. -0.006 min

Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

Instrument :

BNA_F

ClientSampleId :

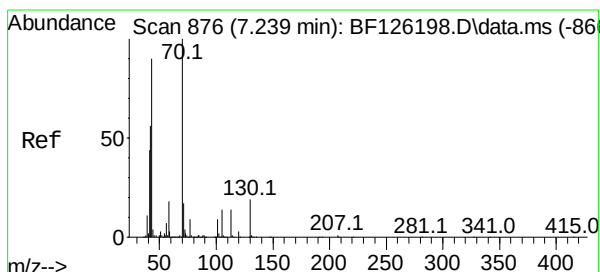
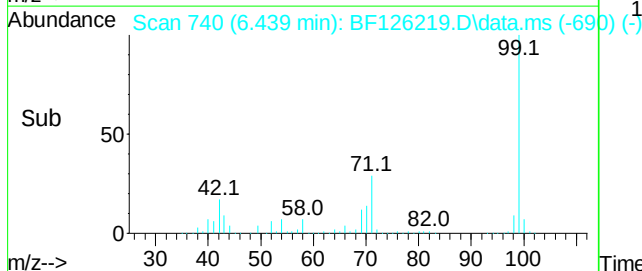
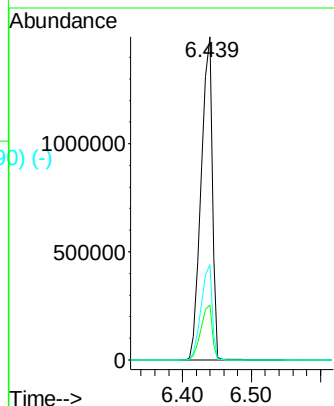
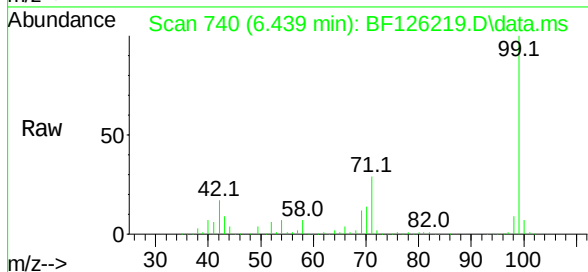
Tgt Ion: 99 Resp: 1685327

Ion Ratio Lower Upper

99 100

42 16.9 23.5 35.3#

71 29.5 25.6 38.4



n-Nitroso-di-n-propylamine

Concen: 12.993 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.135 min

Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

Tgt Ion: 70 Resp: 132874

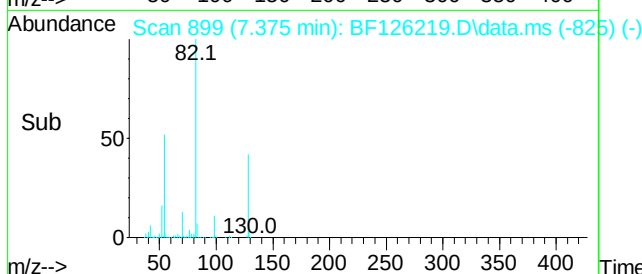
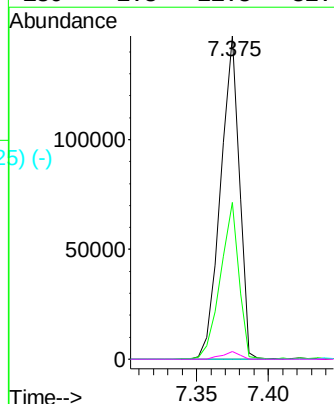
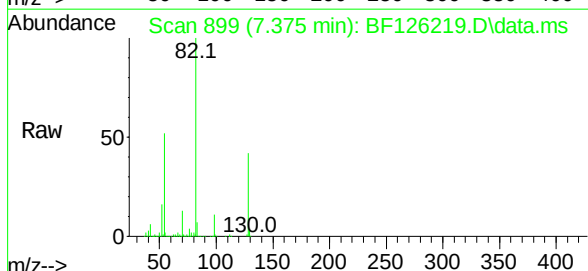
Ion Ratio Lower Upper

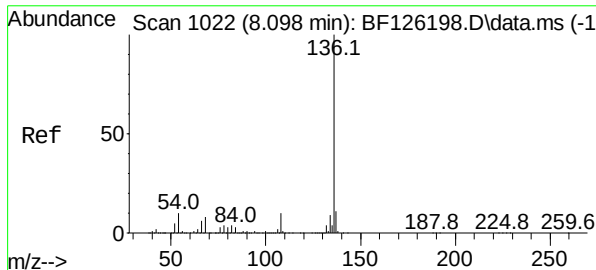
70 100

42 48.5 72.2 108.2#

101 0.0 7.8 11.8#

130 2.3 21.8 32.6#





Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

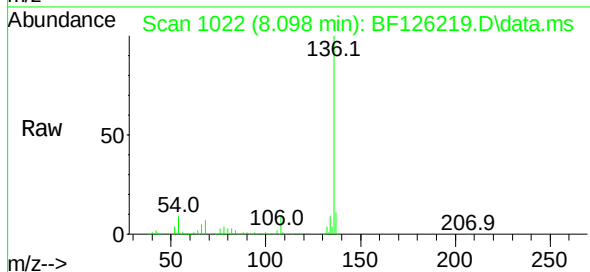
Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 829151

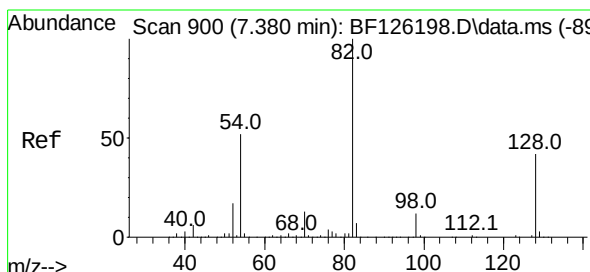
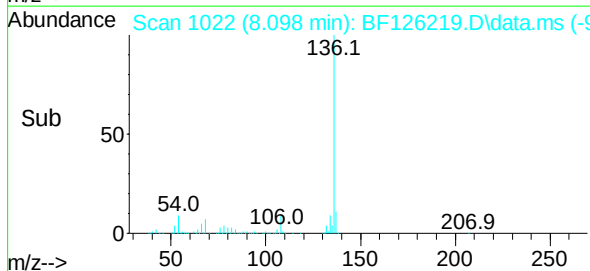
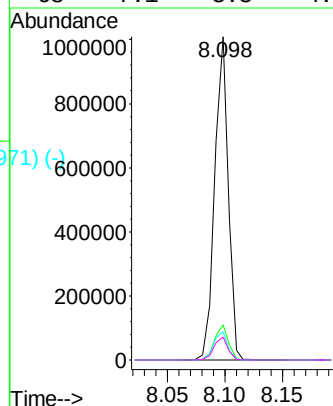
Ion Ratio Lower Upper

136 100

137 10.8 9.8 14.6

54 8.6 6.4 9.6

68 7.1 3.3 4.9#



Nitrobenzene-d5

Concen: 68.782 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

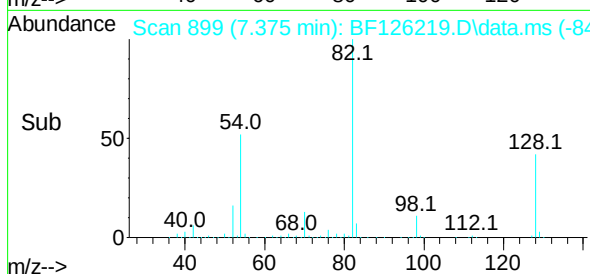
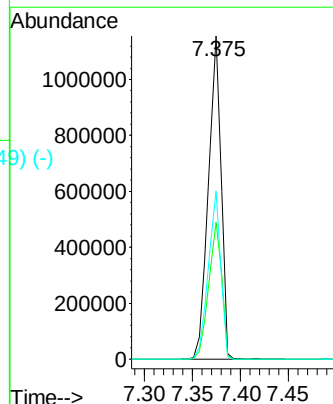
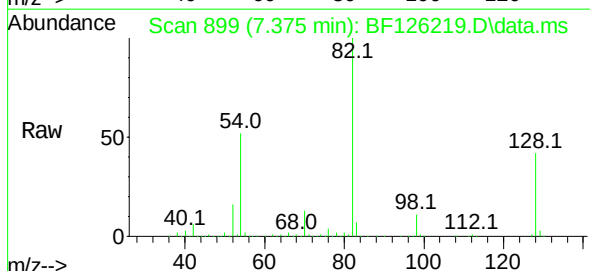
Tgt Ion: 82 Resp: 1053013

Ion Ratio Lower Upper

82 100

128 42.3 40.6 60.8

54 52.1 49.6 74.4



Abundance Scan 945 (7.645 min): BF126198.D\data.ms (-935) #25

Isophorone

Concen: 35.277 ng

RT: 7.375 min Scan# 819

Delta R.T. -0.271 min

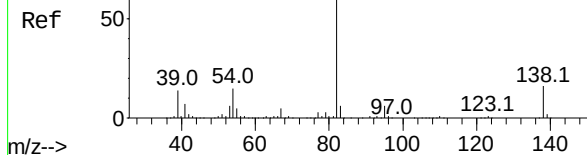
Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

Instrument :

BNA_F

ClientSampleId :



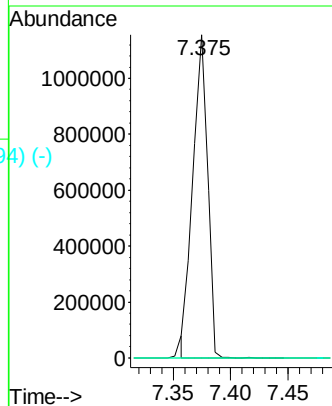
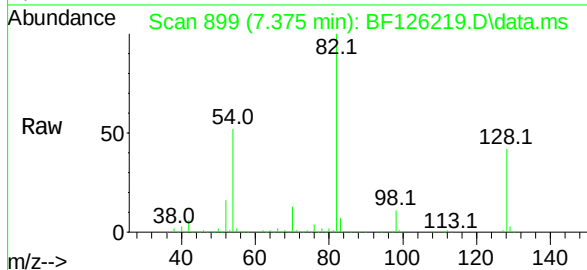
Tgt Ion: 82 Resp: 1019884

Ion Ratio Lower Upper

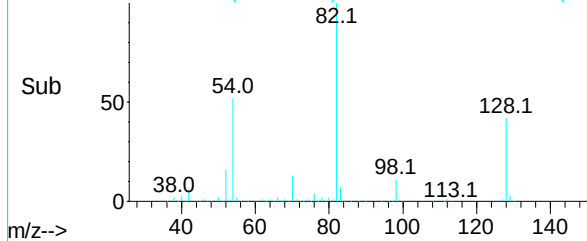
82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#



Abundance Scan 899 (7.375 min): BF126219.D\data.ms (-894) (-)



Abundance Scan 1321 (9.857 min): BF126198.D\data.ms (-1315) #39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

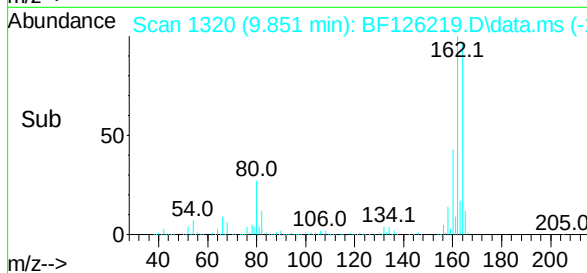
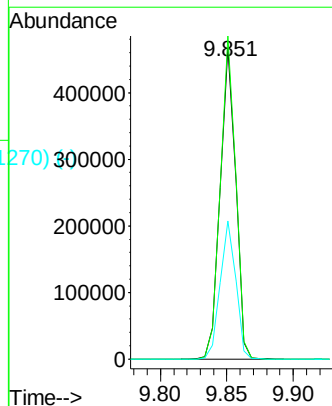
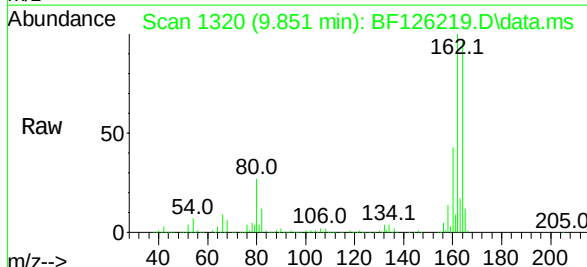
Tgt Ion: 164 Resp: 376721

Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

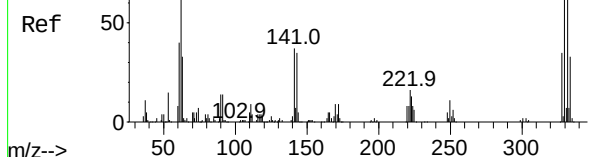
160 44.4 38.0 57.0



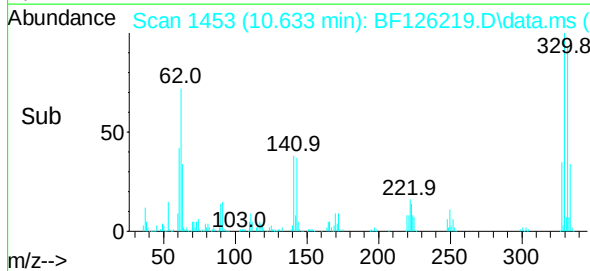
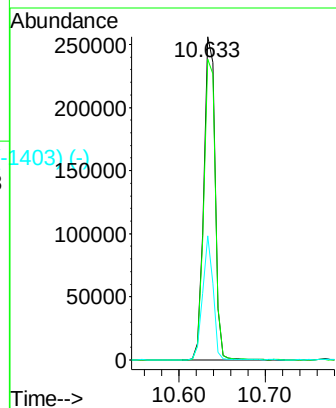
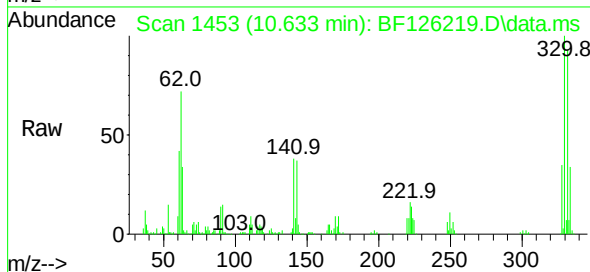
Abundance Scan 1454 (10.639 min): BF126198.D\data.ms (-1403)

2,4,6-Tribromophenol
Concen: 76.386 ng
RT: 10.633 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF126219.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_F
ClientSampleId :

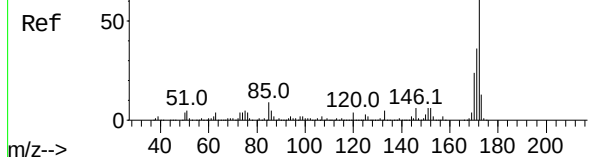


Tgt Ion:	330	Resp:	231258
Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	35.3	44.6	66.8#

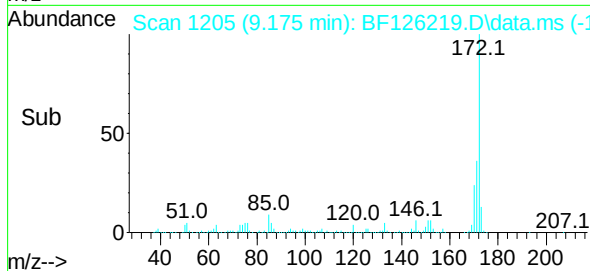
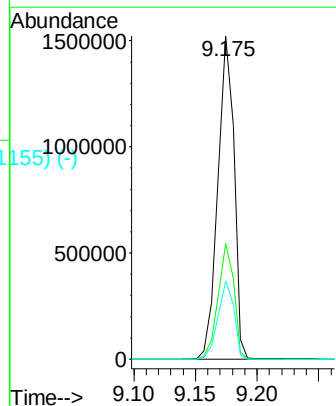
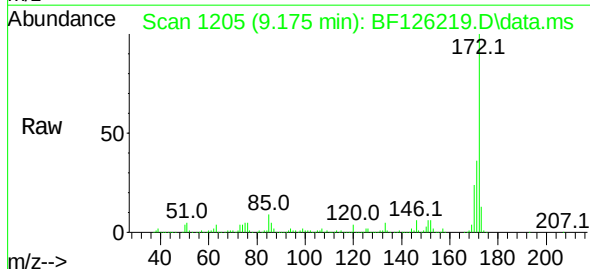


Abundance Scan 1206 (9.180 min): BF126198.D\data.ms (-1194)

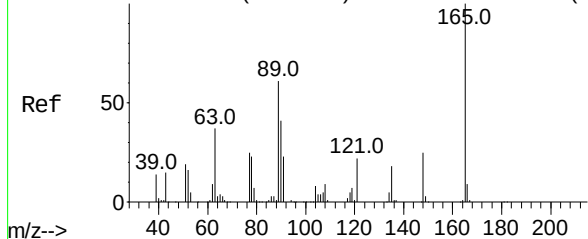
2-Fluorobiphenyl
Concen: 64.712 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126219.D
Acq: 16 Dec 2021 19:12



Tgt Ion:	172	Resp:	1389961
Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.5	39.7
170	24.2	18.8	28.2



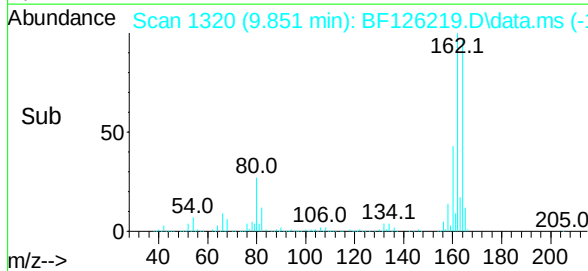
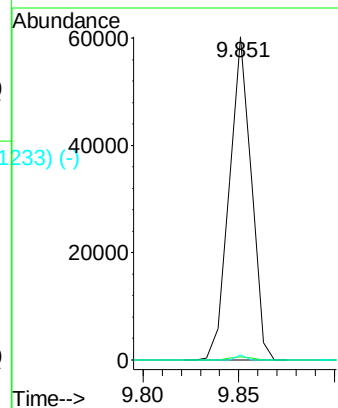
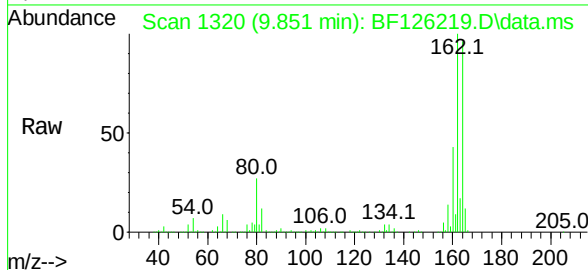
Abundance Scan 1284 (9.639 min): BF126198.D\data.ms (-12751)



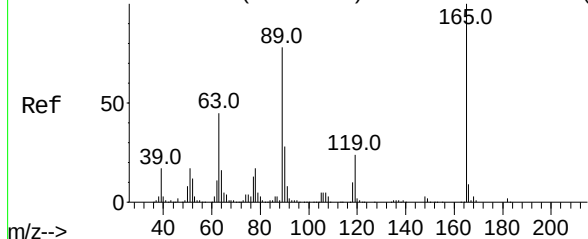
2,6-Dinitrotoluene
Concen: 9.285 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF126219.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	165	Resp:	47958
Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.6	63.8#
89	1.5	40.6	60.8#

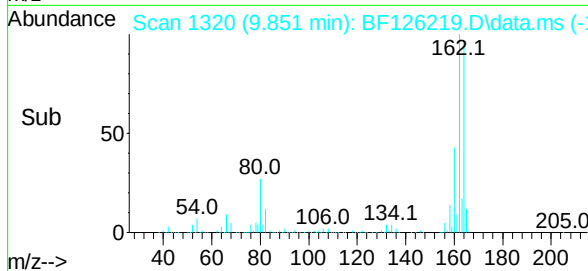
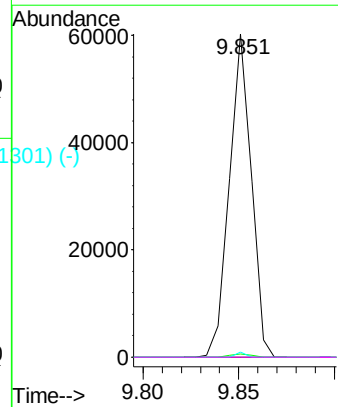
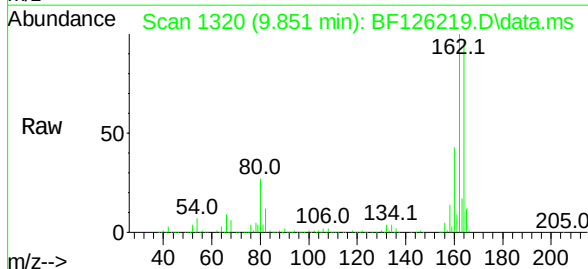


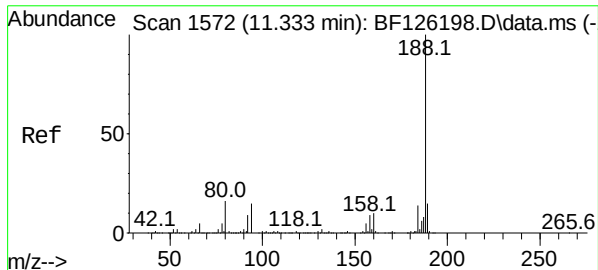
Abundance Scan 1352 (10.039 min): BF126198.D\data.ms (-1345) (-)



2,4-Dinitrotoluene
Concen: 7.279 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126219.D
Acq: 16 Dec 2021 19:12

Tgt Ion:	165	Resp:	47958
Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.9	61.3#
89	1.5	59.7	89.5#
182	0.0	0.0	0.0

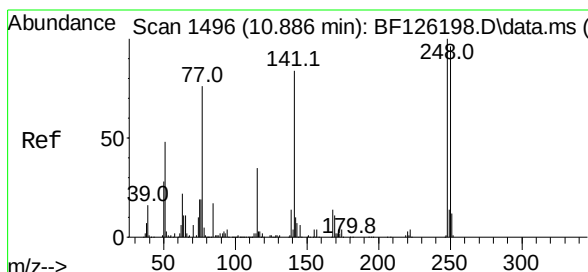
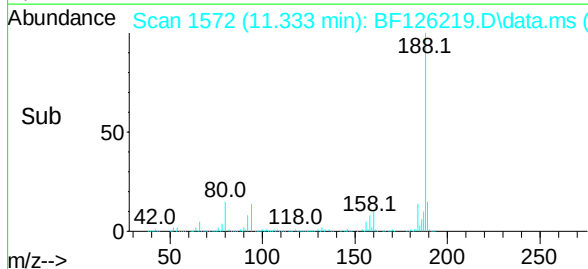
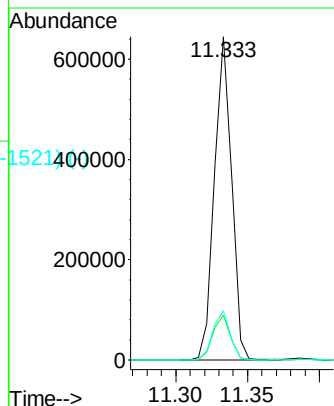
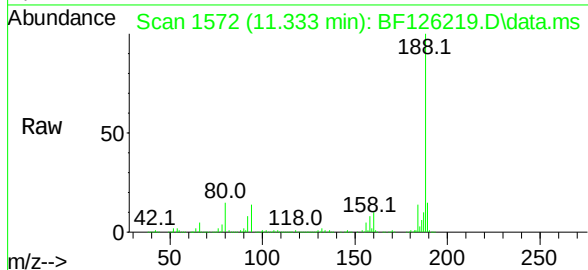




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.333 min Scan# 1564
 Delta R.T. 0.000 min
 Lab File: BF126219.D
 Acq: 16 Dec 2021 19:12

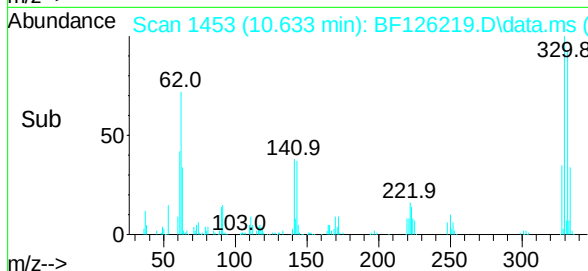
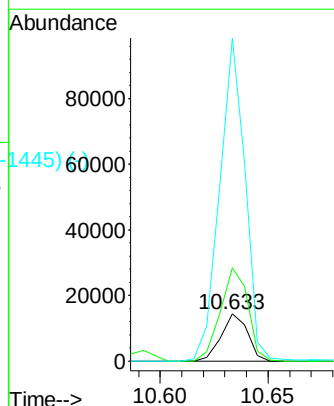
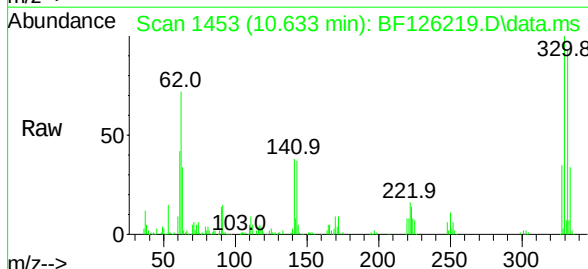
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	188	Resp:	530302
Ion Ratio	Lower	Upper	
188	100		
94	13.8	6.7	10.1#
80	15.2	7.5	11.3#



4-Bromophenyl-phenylether
 Concen: 2.484 ng
 RT: 10.633 min Scan# 1453
 Delta R.T. -0.253 min
 Lab File: BF126219.D
 Acq: 16 Dec 2021 19:12

Tgt Ion:	248	Resp:	12364
Ion Ratio	Lower	Upper	
248	100		
250	197.4	74.2	111.4#
141	683.8	60.4	90.6#



Abundance Scan 2020 (13.968 min): BF126198.D\data.ms (-174) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1

Delta R.T. 0.000 min

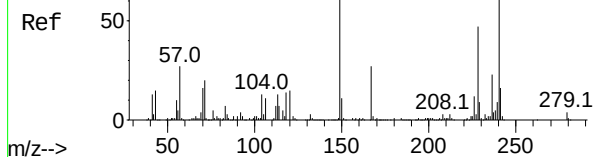
Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

Instrument :

BNA_F

ClientSampleId :



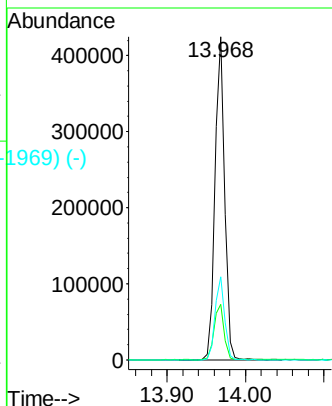
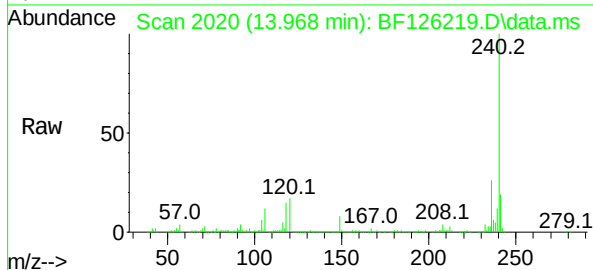
Tgt Ion:240 Resp: 366603

Ion Ratio Lower Upper

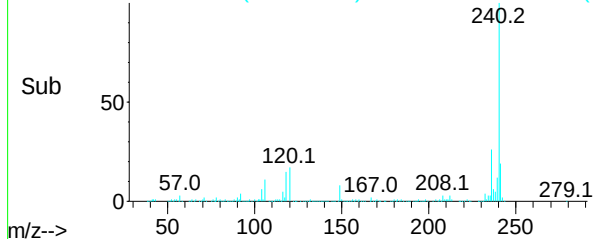
240 100

120 17.2 10.8 16.2#

236 25.8 21.6 32.4



Abundance Scan 2020 (13.968 min): BF126219.D\data.ms (-1969) (-)



Abundance Scan 1798 (12.662 min): BF126198.D\data.ms (-1793) (-)

Benzidine

Concen: 2.229 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.259 min

Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

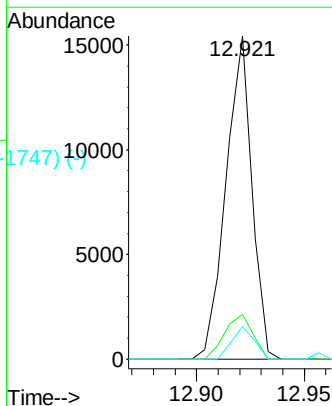
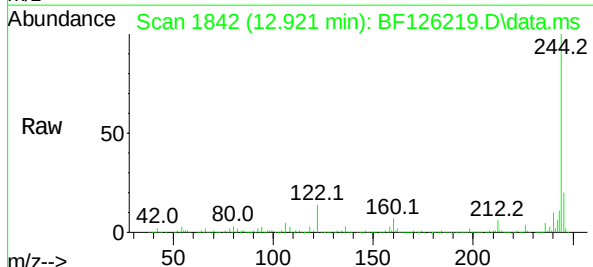
Tgt Ion:184 Resp: 12883

Ion Ratio Lower Upper

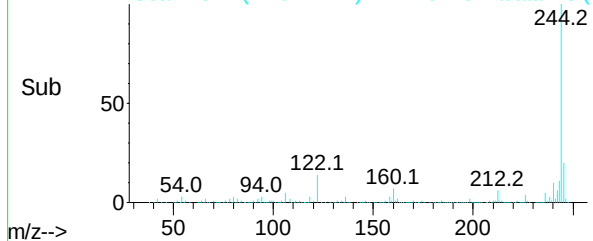
184 100

185 13.9 10.8 16.2

183 10.2 8.1 12.1



Abundance Scan 1842 (12.921 min): BF126219.D\data.ms (-1747) (-)



Abundance Scan 1842 (12.921 min): BF126198.D\data.ms (-1879) (-)

Terphenyl-d14

Concen: 47.608 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

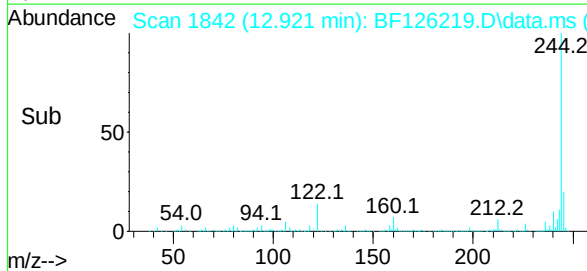
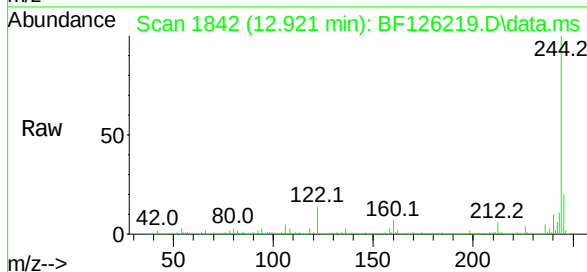
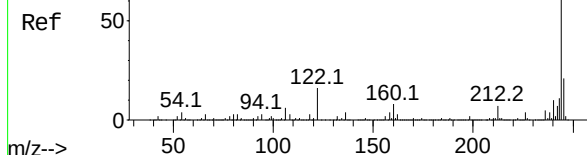
Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

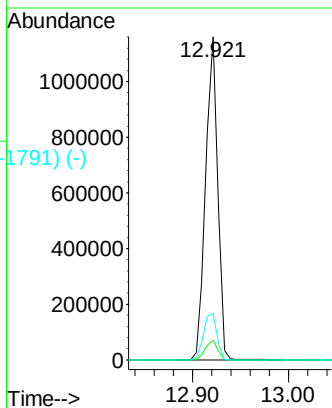
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	244	Resp:	1004151
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.9	8.9
122	14.5	9.0	13.4#



Abundance Scan 2019 (13.962 min): BF126198.D\data.ms (-2094) (-)

Bis(2-ethylhexyl)phthalate

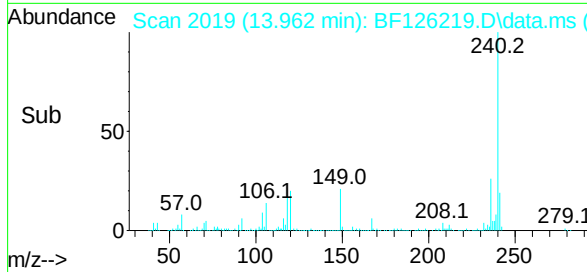
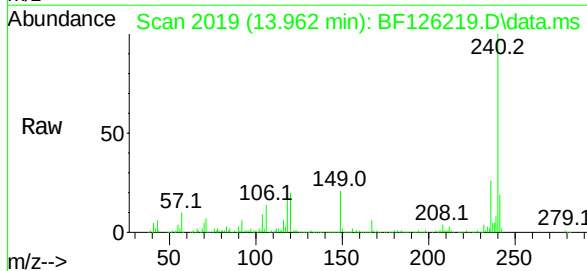
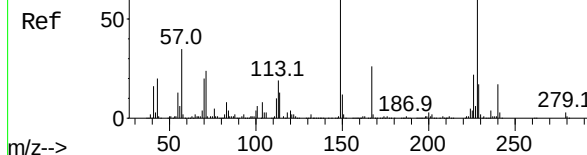
Concen: 3.184 ng

RT: 13.962 min Scan# 2019

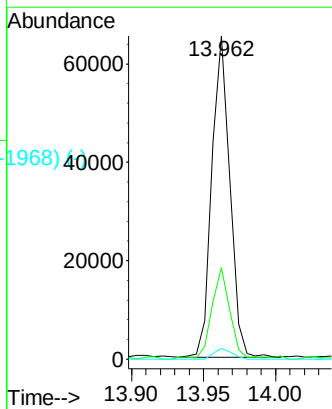
Delta R.T. 0.000 min

Lab File: BF126219.D

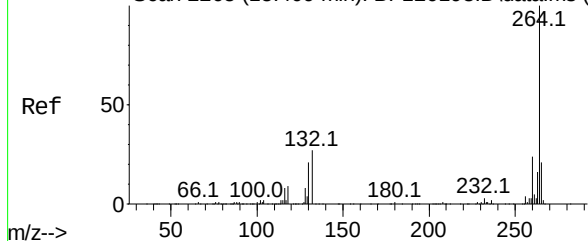
Acq: 16 Dec 2021 19:12



Tgt Ion:	149	Resp:	56388
Ion Ratio	Lower	Upper	
149	100		
167	28.3	21.4	32.0
279	3.3	2.6	4.0



Abundance Scan 2265 (15.409 min): BF126198.D\data.ms (-2265) (-)



Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 1

Delta R.T. 0.000 min

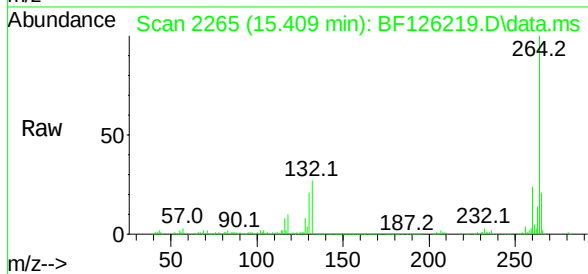
Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

Instrument :

BNA_F

ClientSampleId :



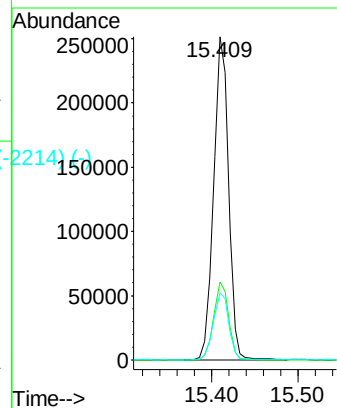
Tgt Ion:264 Resp: 299941

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 20.8 17.2 25.8



Abundance Scan 2265 (15.409 min): BF126219.D\data.ms (-2214) (-)

