

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126216.D
 Acq On : 16 Dec 2021 17:33
 Operator : JU/CG
 Sample : M5022-19RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:46:50 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)

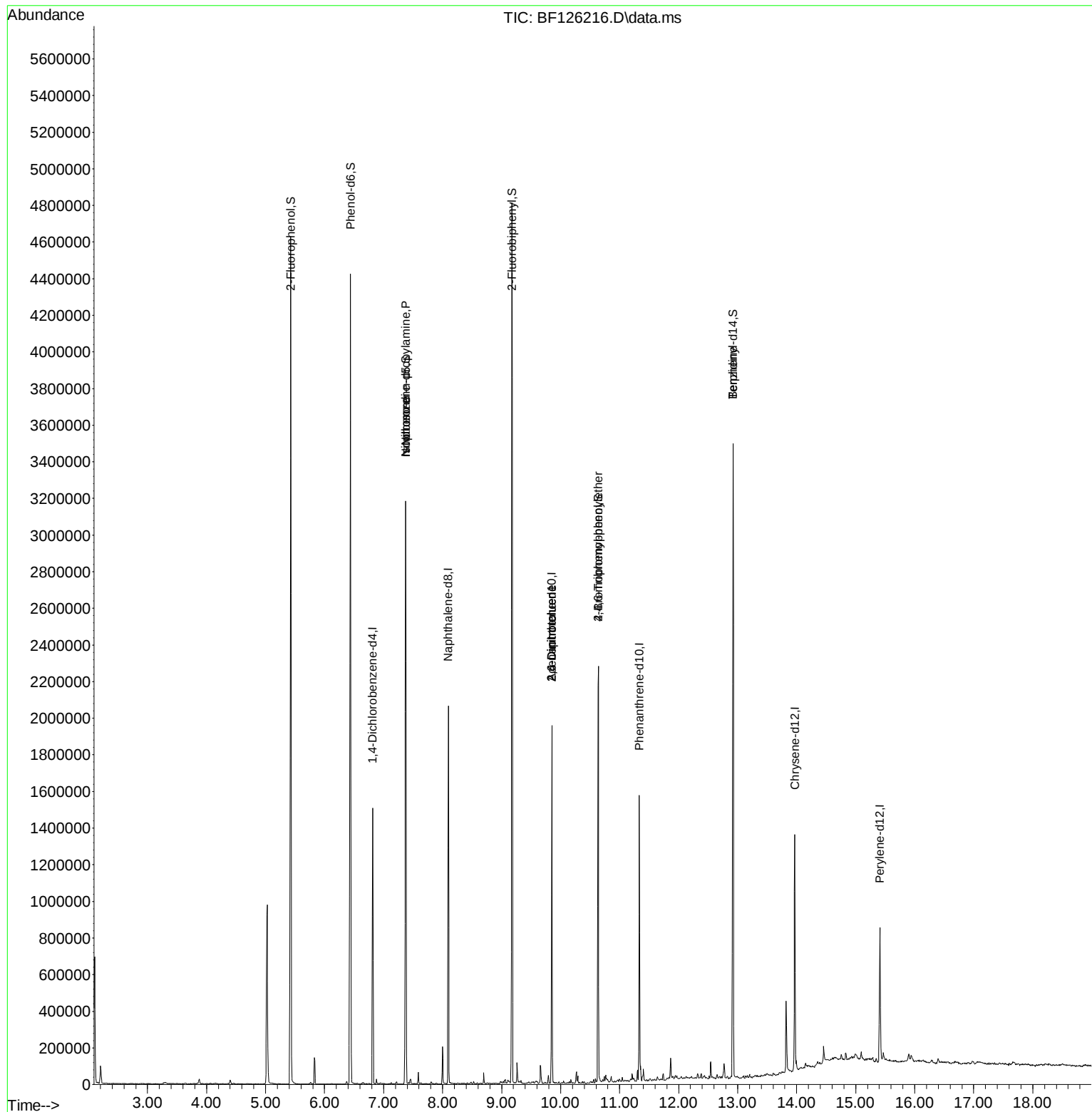
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	190601	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	804261	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	355960	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	490238	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	372935	20.000	ng	0.00
86) Perylene-d12	15.410	264	286730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1404360	108.506	ng	0.00
7) Phenol-d6	6.440	99	1716227	104.432	ng	0.00
23) Nitrobenzene-d5	7.375	82	1098832	73.996	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	263149	91.989	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1451283	71.507	ng	0.00
79) Terphenyl-d14	12.921	244	1126417	52.498	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	139360	13.813	ng	# 56
25) Isophorone	7.375	82	1071337	38.204	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	46213	9.469	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	46213	7.423	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	14816	3.220	ng	# 1
77) Benzidine	12.921	184	14277	2.428	ng	# 95

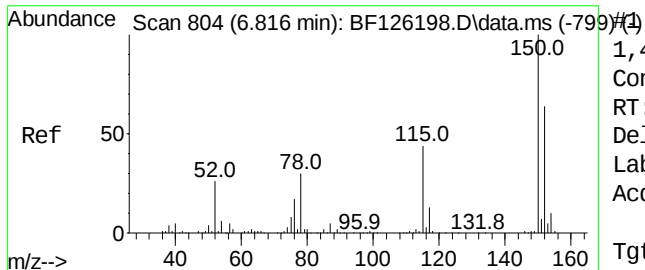
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
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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

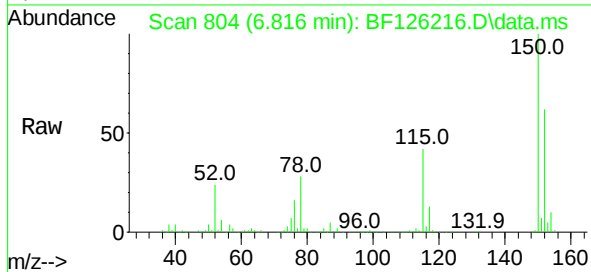
Lab File: BF126216.D

Acq: 16 Dec 2021 17:33

Instrument :

BNA_F

ClientSampleId :



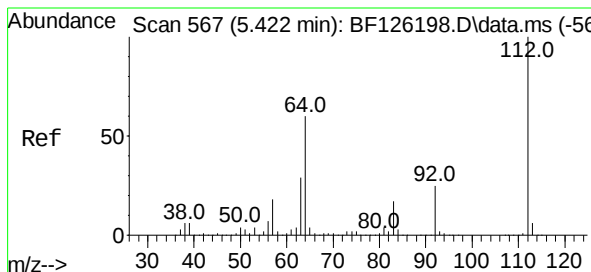
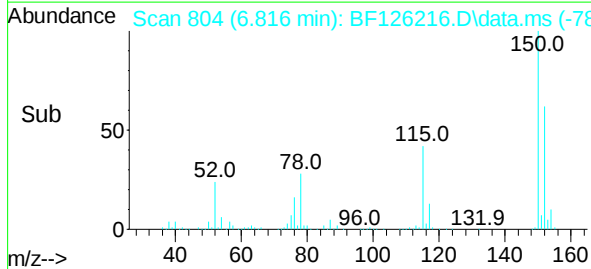
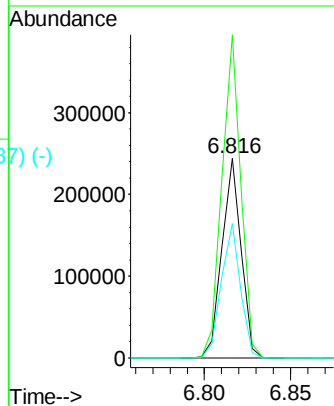
Tgt Ion:152 Resp: 190601

Ion Ratio Lower Upper

152 100

150 161.6 117.6 176.4

115 67.1 47.1 70.7



2-Fluorophenol

Concen: 108.506 ng

RT: 5.428 min Scan# 568

Delta R.T. 0.006 min

Lab File: BF126216.D

Acq: 16 Dec 2021 17:33

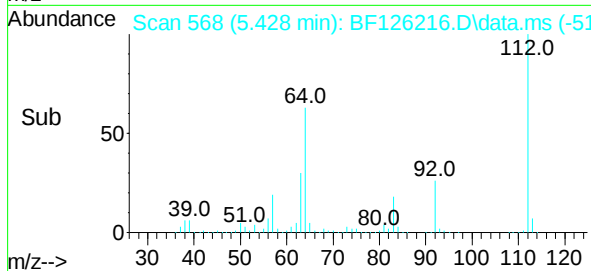
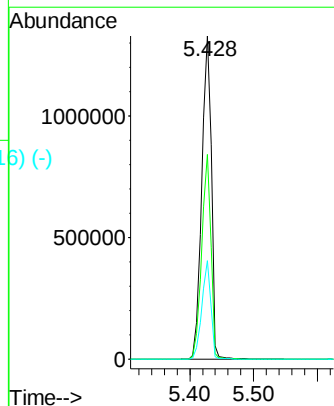
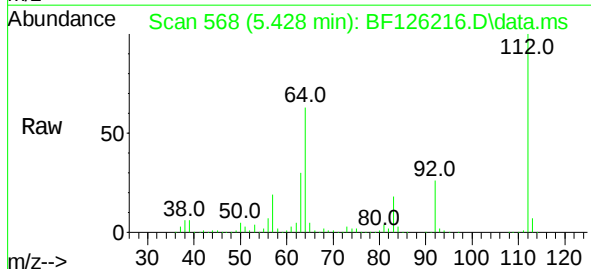
Tgt Ion:112 Resp: 1404360

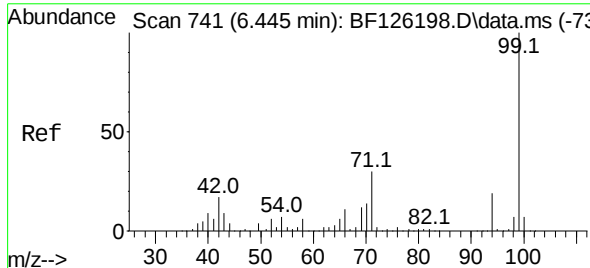
Ion Ratio Lower Upper

112 100

64 63.3 44.2 66.2

63 30.4 26.2 39.2

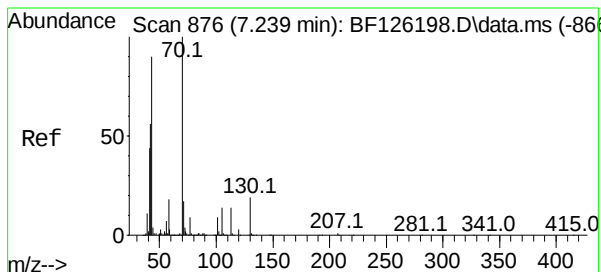
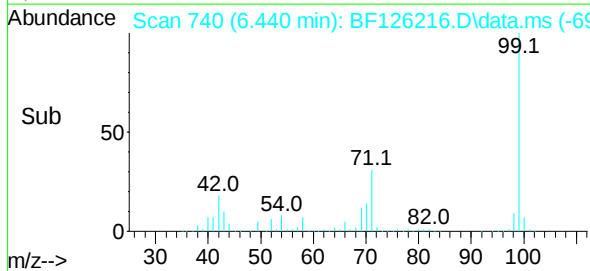
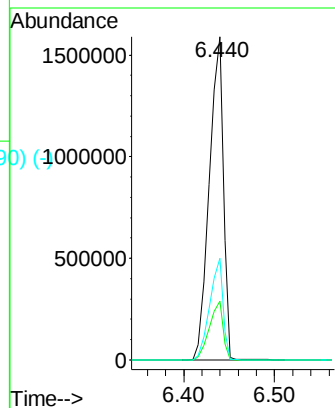
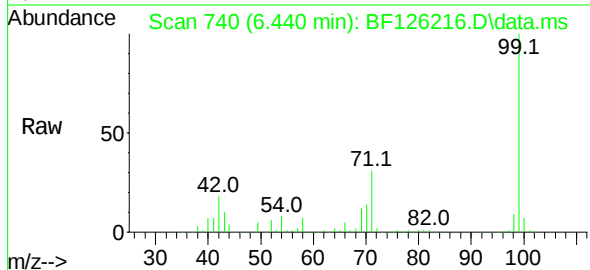




Phenol-d6
 Concen: 104.432 ng
 RT: 6.440 min Scan# 741
 Delta R.T. -0.006 min
 Lab File: BF126216.D
 Acq: 16 Dec 2021 17:33

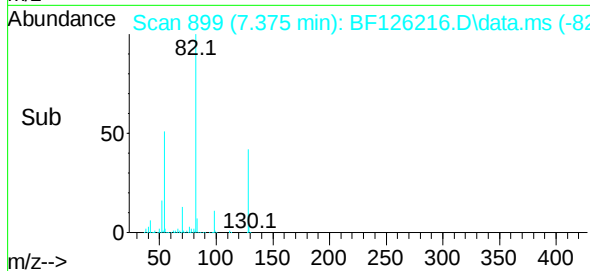
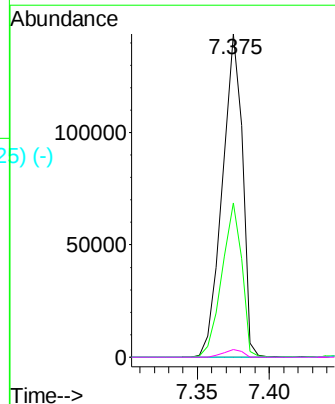
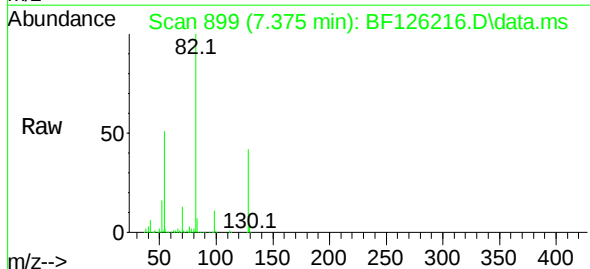
Instrument :
 BNA_F
 ClientSampleId :

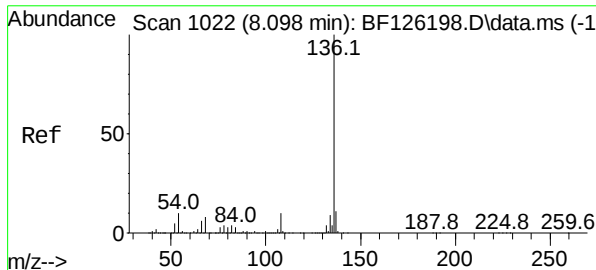
Tgt Ion: 99 Resp: 1716227
 Ion Ratio Lower Upper
 99 100
 42 18.3 23.5 35.3#
 71 31.4 25.6 38.4



n-Nitroso-di-n-propylamine
 Concen: 13.813 ng
 RT: 7.375 min Scan# 899
 Delta R.T. 0.135 min
 Lab File: BF126216.D
 Acq: 16 Dec 2021 17:33

Tgt Ion: 70 Resp: 139360
 Ion Ratio Lower Upper
 70 100
 42 47.7 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

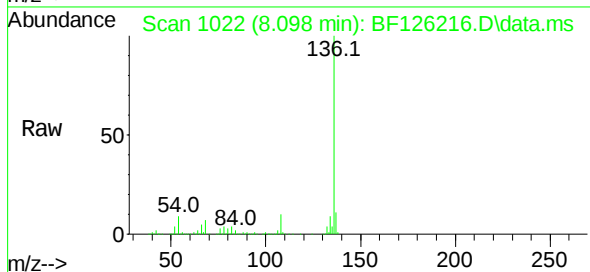
Lab File: BF126216.D

Acq: 16 Dec 2021 17:33

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 804261

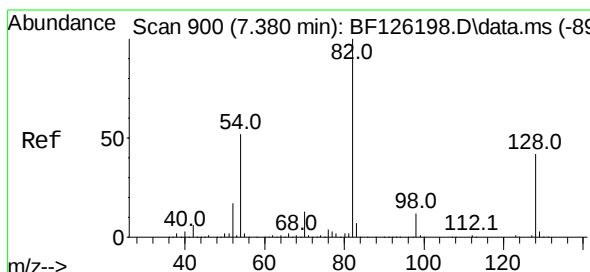
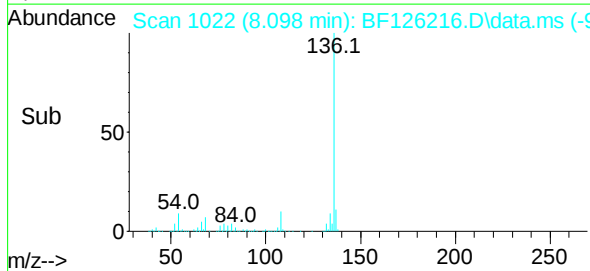
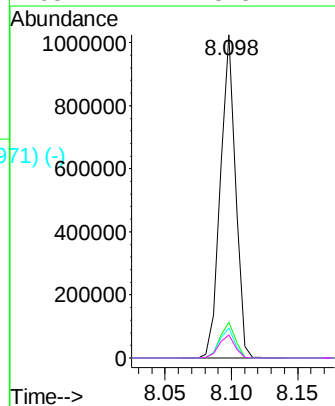
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.6

54 9.2 6.4 9.6

68 7.2 3.3 4.9#



Nitrobenzene-d5

Concen: 73.996 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126216.D

Acq: 16 Dec 2021 17:33

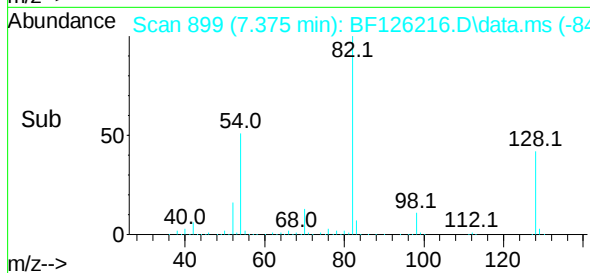
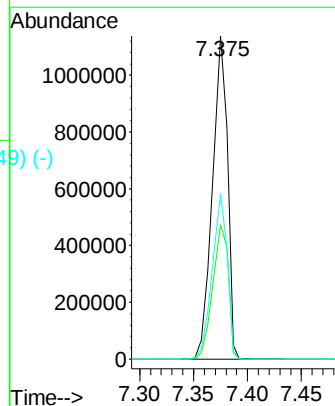
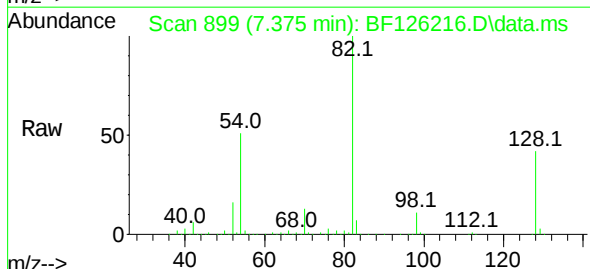
Tgt Ion: 82 Resp: 1098832

Ion Ratio Lower Upper

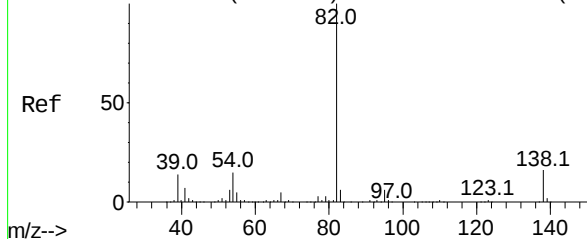
82 100

128 41.6 40.6 60.8

54 51.4 49.6 74.4

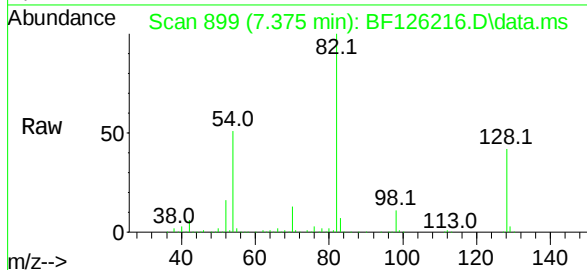


Abundance Scan 945 (7.645 min): BF126198.D\data.ms (-935) #25

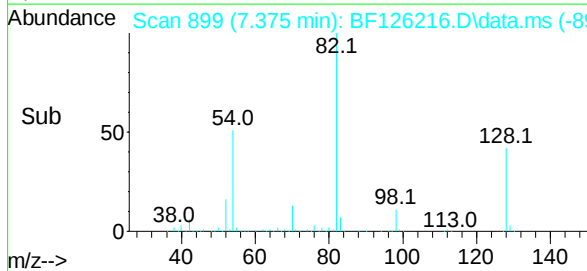
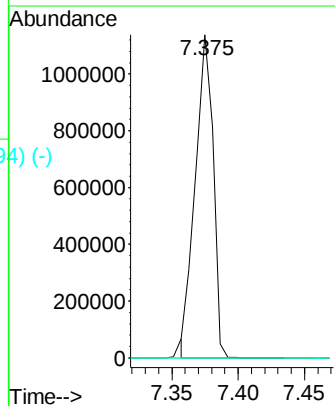


Isophorone
Concen: 38.204 ng
RT: 7.375 min Scan# 819
Delta R.T. -0.270 min
Lab File: BF126216.D
Acq: 16 Dec 2021 17:33

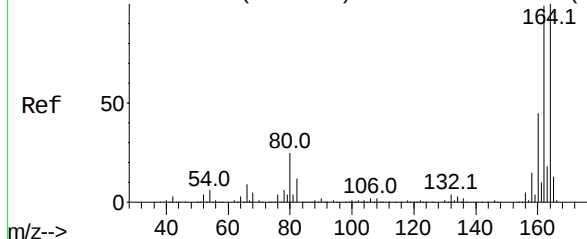
Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 82 Resp: 1071337
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

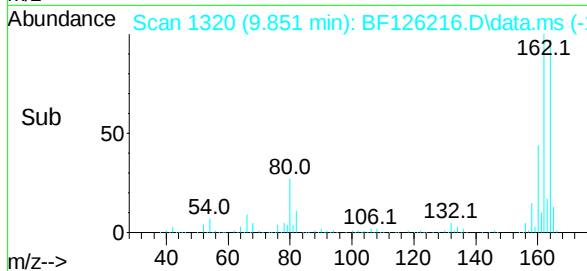
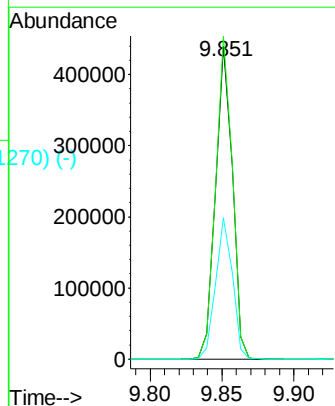
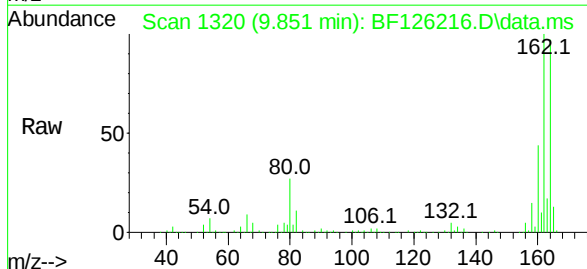


Abundance Scan 1321 (9.857 min): BF126198.D\data.ms (-1315) #39



Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126216.D
Acq: 16 Dec 2021 17:33

Tgt Ion:164 Resp: 355960
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 45.1 38.0 57.0



Abundance Scan 1454 (10.639 min): BF126198.D\data.ms (-1443)

2,4,6-Tribromophenol

Concen: 91.989 ng

RT: 10.639 min Scan# 1443

Delta R.T. 0.000 min

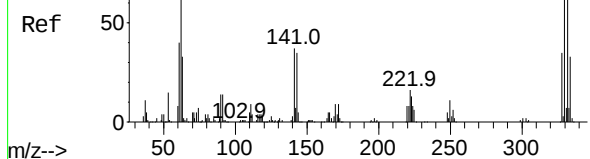
Lab File: BF126216.D

Acq: 16 Dec 2021 17:33

Instrument :

BNA_F

ClientSampleId :



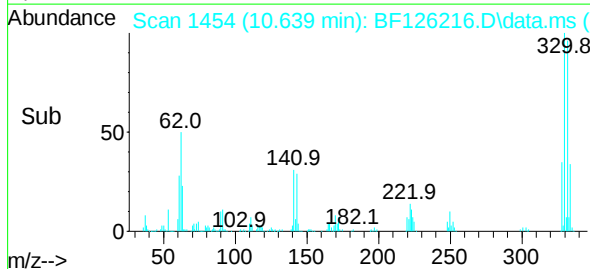
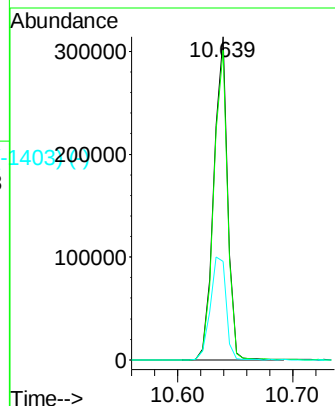
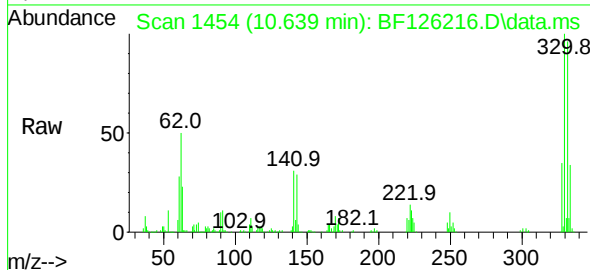
Tgt Ion:330 Resp: 263149

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 36.3 44.6 66.8#



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

2-Fluorobiphenyl

Concen: 71.507 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126216.D

Acq: 16 Dec 2021 17:33

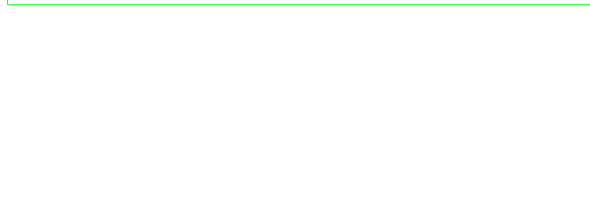
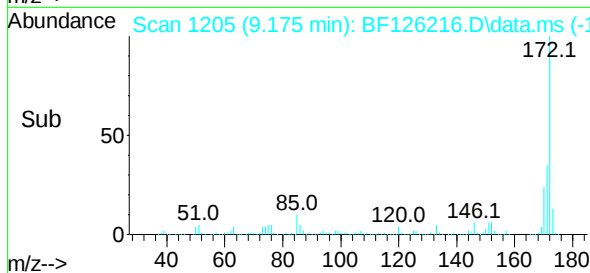
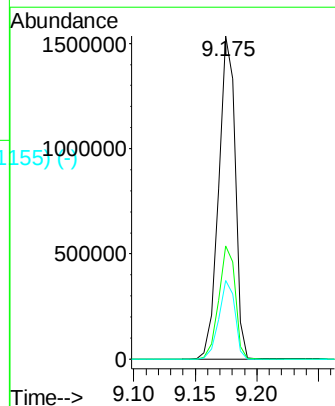
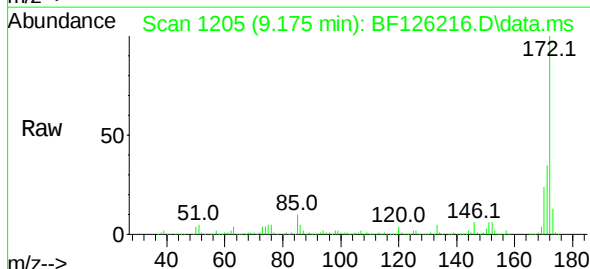
Tgt Ion:172 Resp: 1451283

Ion Ratio Lower Upper

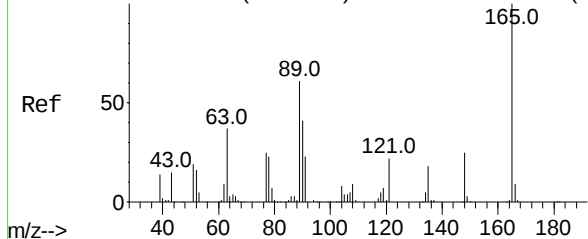
172 100

171 35.0 26.5 39.7

170 24.4 18.8 28.2



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



2,6-Dinitrotoluene

Concen: 9.469 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126216.D

Acq: 16 Dec 2021 17:33

Instrument :

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ClientSampleId :

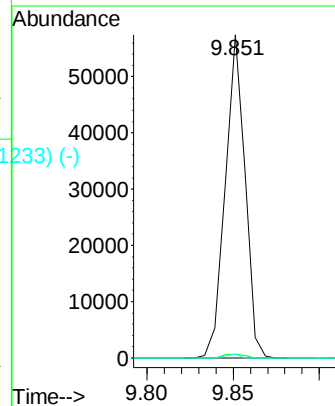
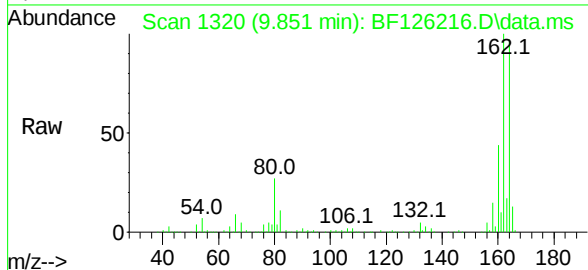
Tgt Ion:165 Resp: 46213

Ion Ratio Lower Upper

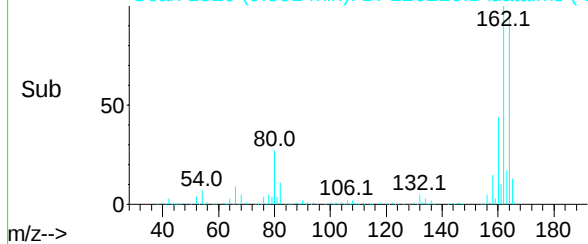
165 100

63 1.1 42.6 63.8#

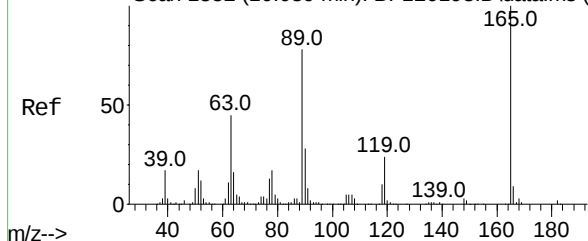
89 1.2 40.6 60.8#



Abundance Scan 1320 (9.851 min): BF126216.D\data.ms (-1233-)



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



2,4-Dinitrotoluene

Concen: 7.423 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF126216.D

Acq: 16 Dec 2021 17:33

Tgt Ion:165 Resp: 46213

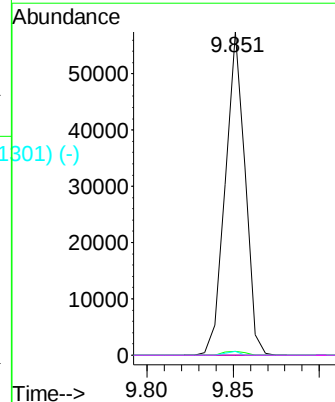
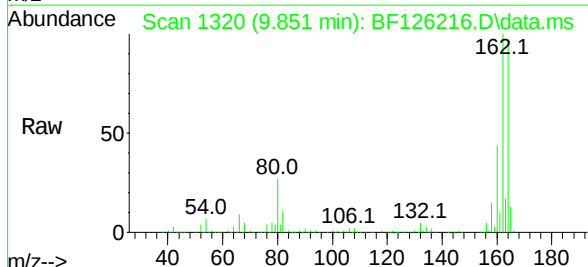
Ion Ratio Lower Upper

165 100

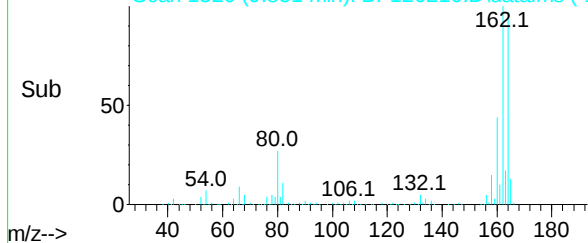
63 1.1 40.9 61.3#

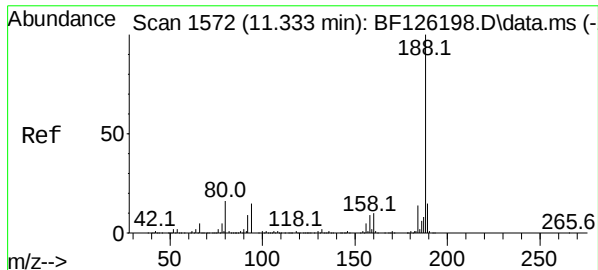
89 1.2 59.7 89.5#

182 0.0 0.0 0.0



Abundance Scan 1320 (9.851 min): BF126216.D\data.ms (-1301-)

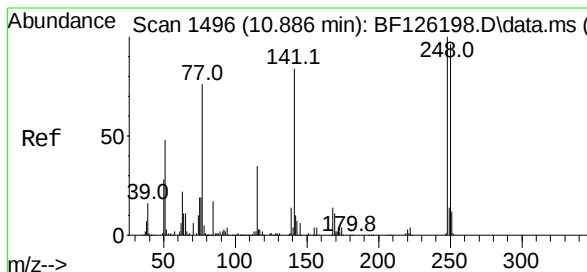
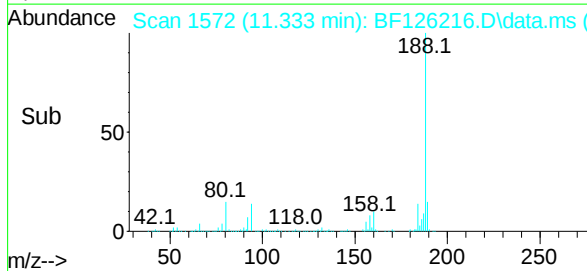
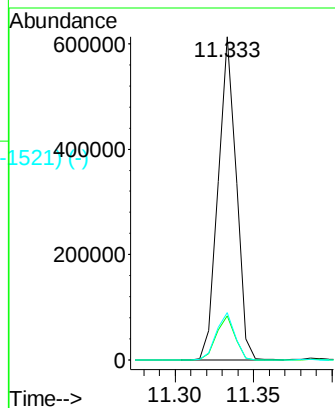
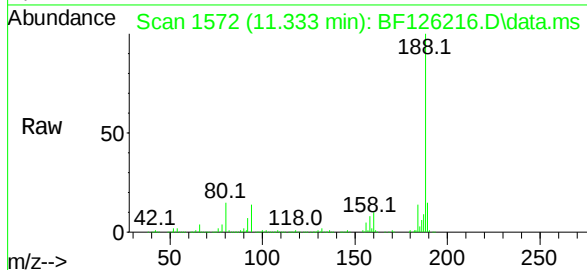




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.333 min Scan# 1564
 Delta R.T. 0.000 min
 Lab File: BF126216.D
 Acq: 16 Dec 2021 17:33

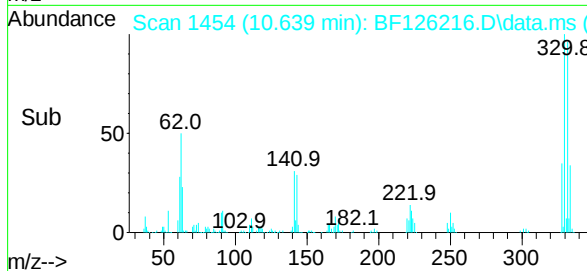
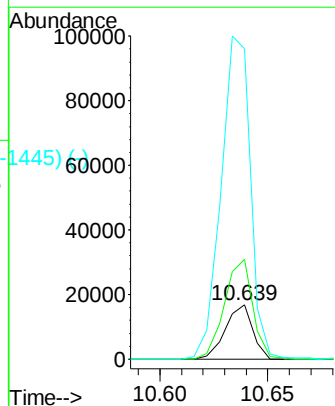
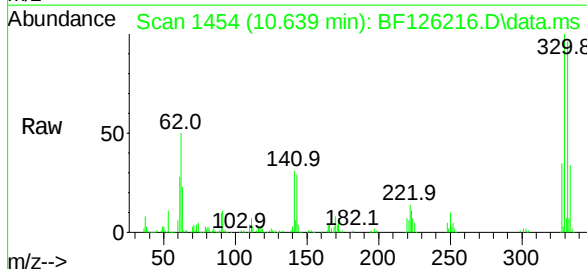
Instrument :
 BNA_F
 ClientSampleId :

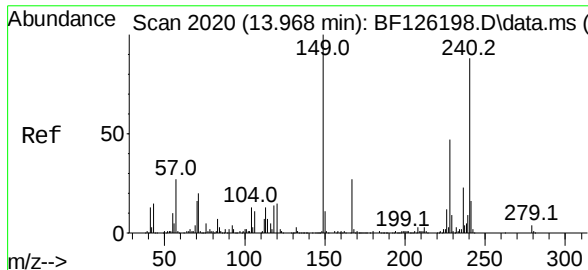
Tgt Ion:	188	Resp:	490238
Ion Ratio	Lower	Upper	
188	100		
94	13.6	6.7	10.1#
80	14.7	7.5	11.3#



4-Bromophenyl-phenylether
 Concen: 3.220 ng
 RT: 10.639 min Scan# 1454
 Delta R.T. -0.247 min
 Lab File: BF126216.D
 Acq: 16 Dec 2021 17:33

Tgt Ion:	248	Resp:	14816
Ion Ratio	Lower	Upper	
248	100		
250	184.6	74.2	111.4#
141	572.9	60.4	90.6#

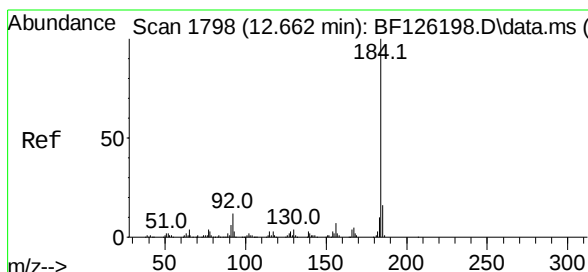
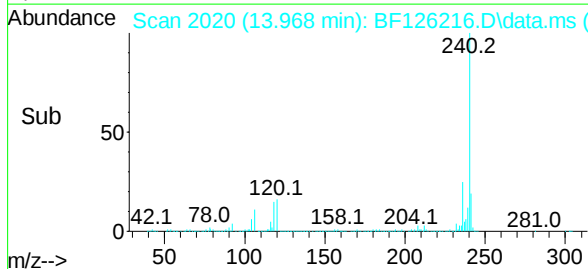
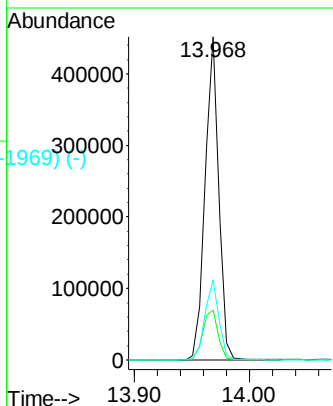
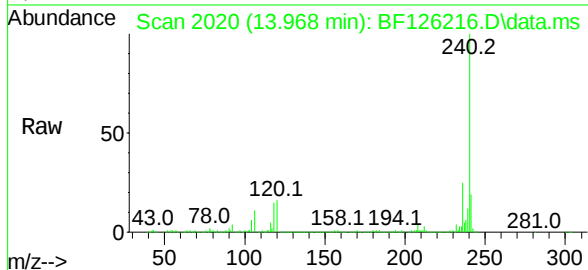




Scan 2020 (13.968 min): BF126198.D\data.ms (-174) (-)
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.968 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF126216.D
 Acq: 16 Dec 2021 17:33

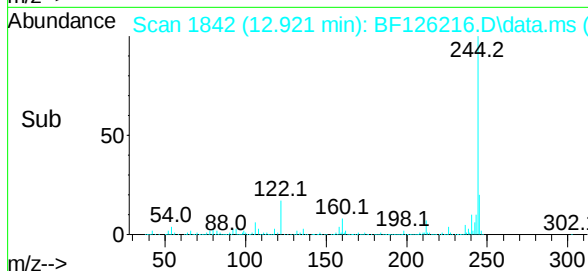
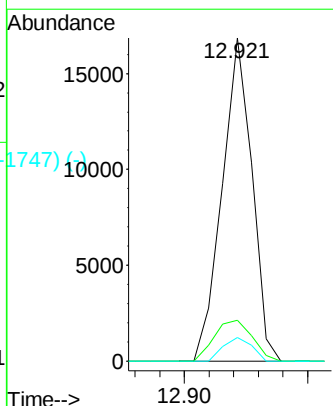
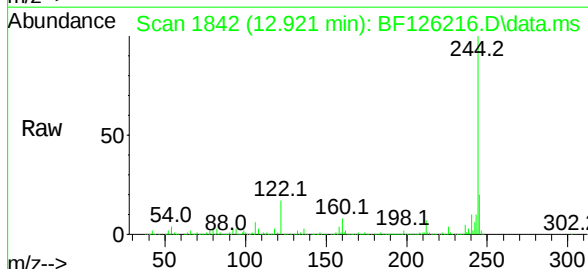
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	240	Resp:	372935
Ion	Ratio	Lower	Upper
240	100		
120	15.5	10.8	16.2
236	24.7	21.6	32.4



Scan 1798 (12.662 min): BF126198.D\data.ms (-173) (-)
 Benzidine
 Concen: 2.428 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.259 min
 Lab File: BF126216.D
 Acq: 16 Dec 2021 17:33

Tgt Ion:	184	Resp:	14277
Ion	Ratio	Lower	Upper
184	100		
185	12.6	10.8	16.2
183	7.2	8.1	12.1#



Abundance Scan 1842 (12.921 min): BF126198.D\data.ms (-1859) (-)

Terphenyl-d14

Concen: 52.498 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

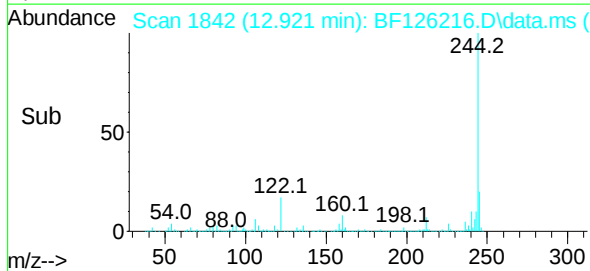
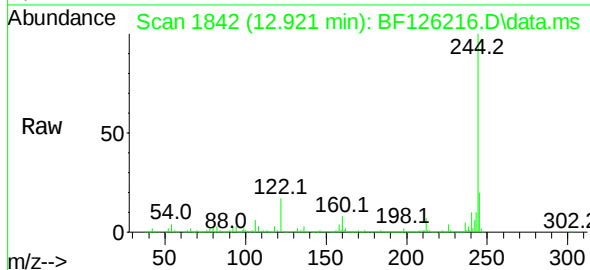
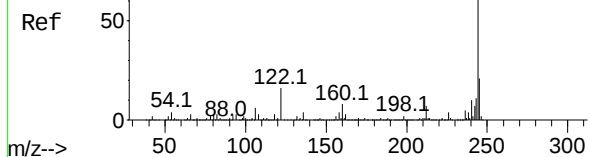
Lab File: BF126216.D

Acq: 16 Dec 2021 17:33

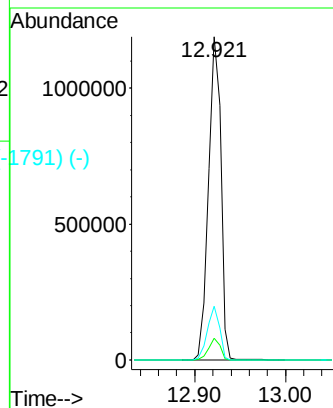
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	244	Resp:	1126417
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	16.6	9.0	13.4#



Abundance Scan 2265 (15.409 min): BF126198.D\data.ms (-2286) (-)

Perylene-d12

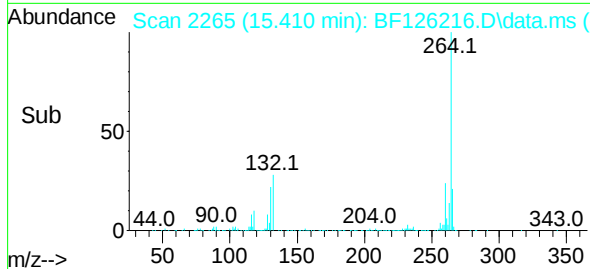
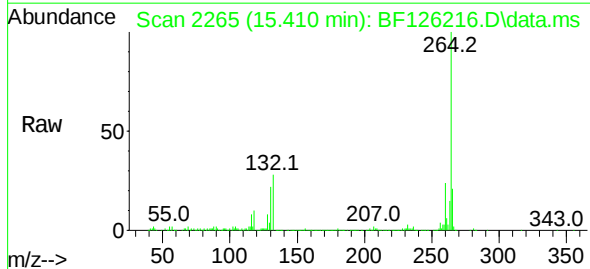
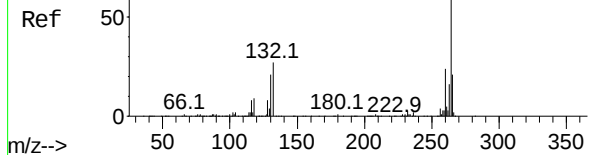
Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF126216.D

Acq: 16 Dec 2021 17:33



Tgt Ion:	264	Resp:	286730
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.5	17.2	25.8

