

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
 Data File : BF122732.D
 Acq On : 16 Dec 2020 00:52
 Operator : JU/CG
 Sample : PB133626BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133626BL

Quant Time: Dec 16 03:42:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

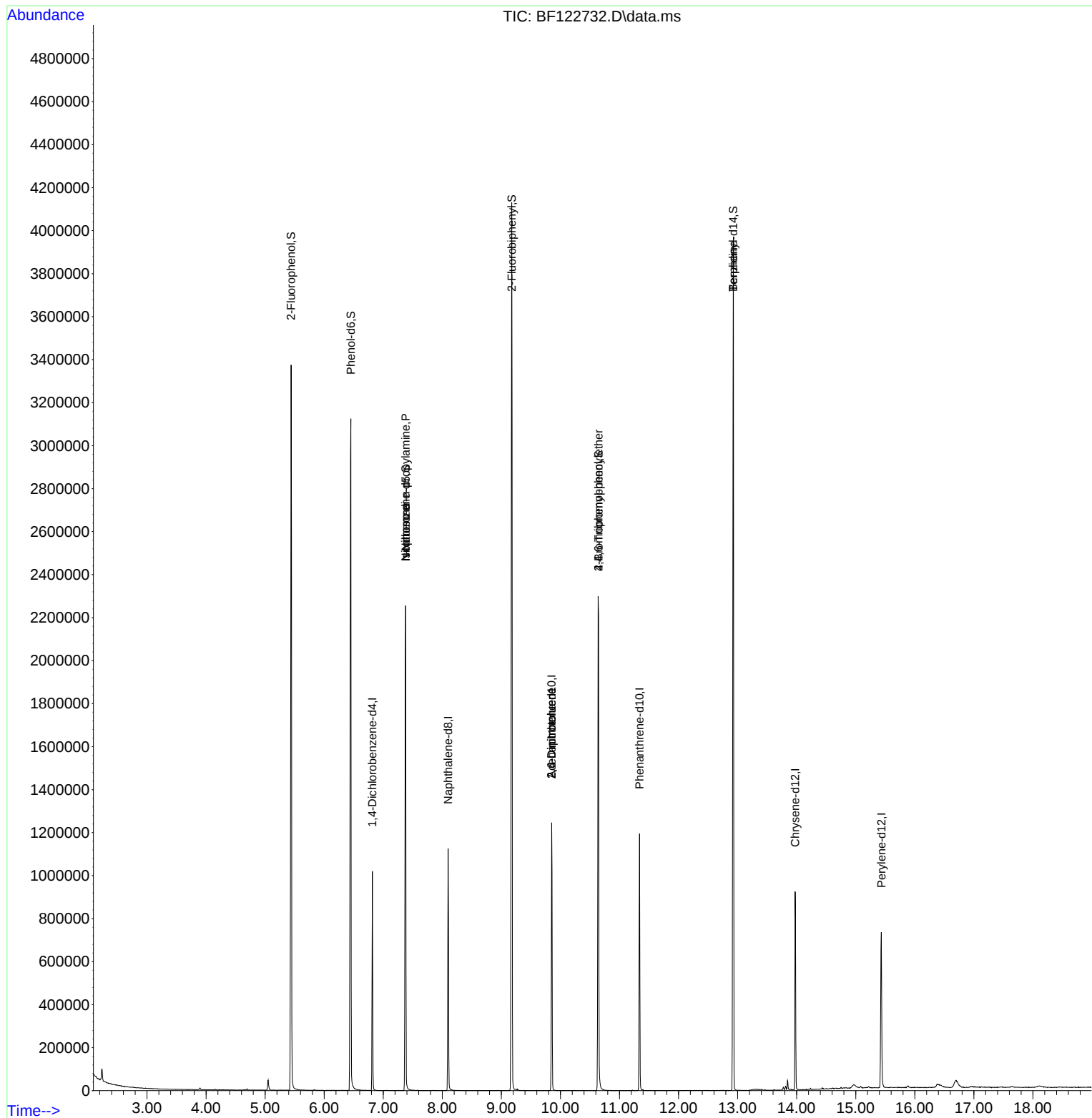
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	141606	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	538374	20.00	ng	-0.01
39) Acenaphthene-d10	9.851	164	264811	20.00	ng	-0.01
64) Phenanthrene-d10	11.339	188	427942	20.00	ng	0.00
76) Chrysene-d12	13.974	240	328857	20.00	ng	-0.01
86) Perylene-d12	15.433	264	345116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1055023	117.95	ng	0.00
7) Phenol-d6	6.451	99	1273285	107.34	ng	0.00
23) Nitrobenzene-d5	7.381	82	817938	76.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	346273	99.90	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1454167	74.27	ng	-0.01
79) Terphenyl-d14	12.927	244	1264828	67.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	105142	15.47	ng	# 76
25) Isophorone	7.381	82	817930	44.19	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	33986	7.61	ng	# 31
57) 2,4-Dinitrotoluene	9.851	165	33986	5.71	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	21754	3.75	ng	# 1
77) Benzidine	12.927	184	15624	2.20	ng	# 91

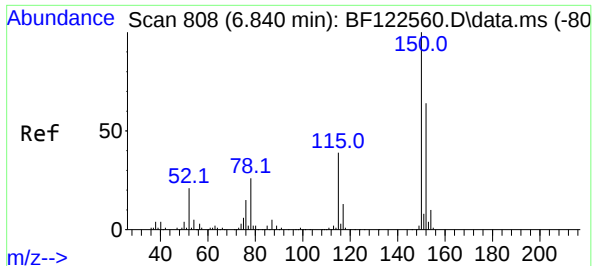
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 03:42:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

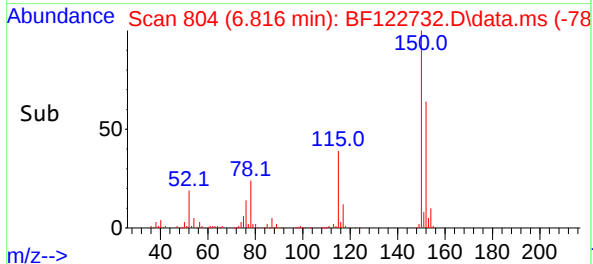
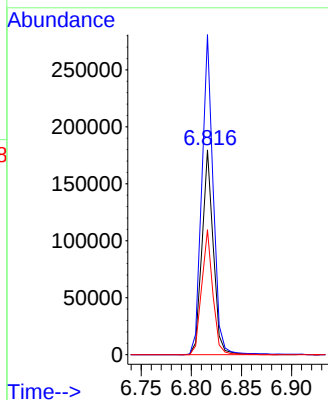
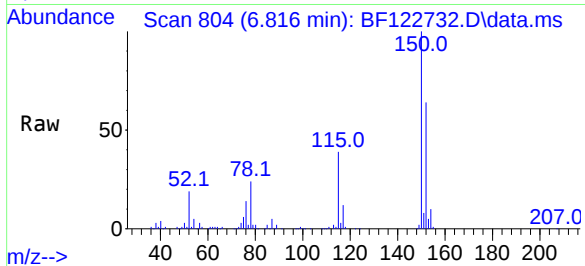




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

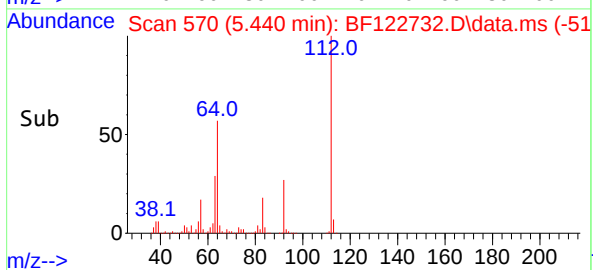
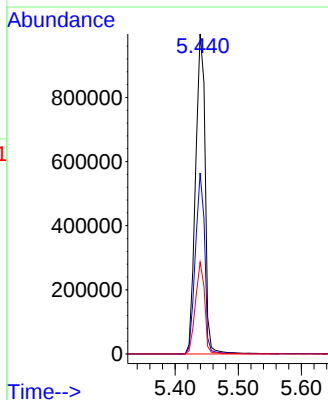
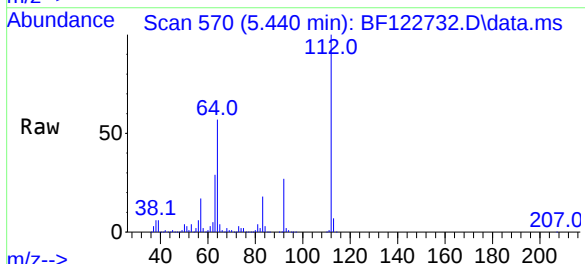
Instrument :
BNA_F
ClientSampleId :
PB133626BL

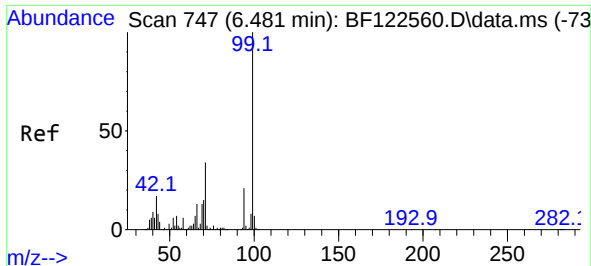
Tgt Ion:152 Resp: 141606
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 61.0 49.3 73.9



#5
2-Fluorophenol
Concen: 117.95 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

Tgt Ion:112 Resp: 1055023
Ion Ratio Lower Upper
112 100
64 56.5 46.9 70.3
63 28.7 24.5 36.7



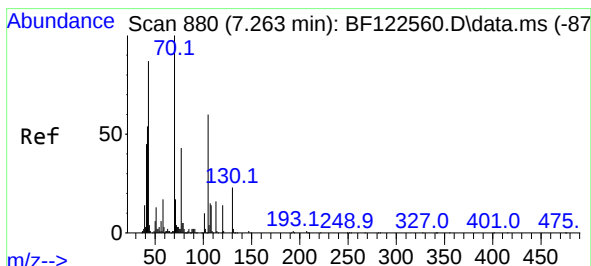
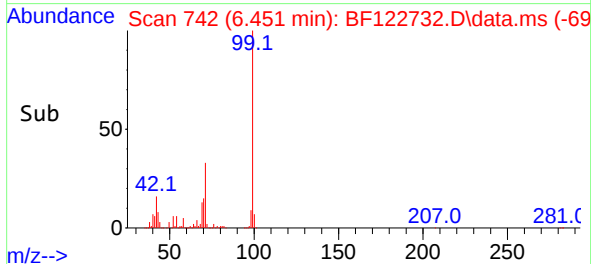
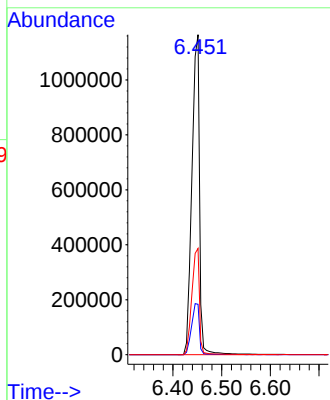
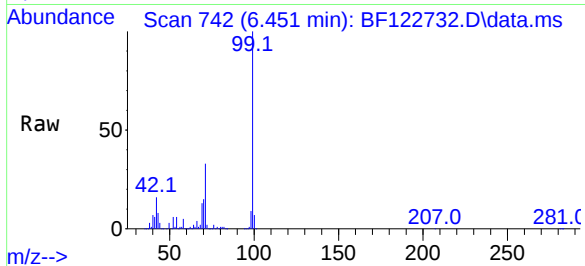


#7
Phenol-d6
Concen: 107.34 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

Instrument :
BNA_F
ClientSampleId :
PB133626BL

Tgt Ion: 99 Resp: 1273285

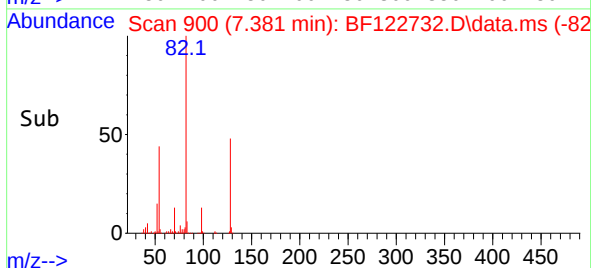
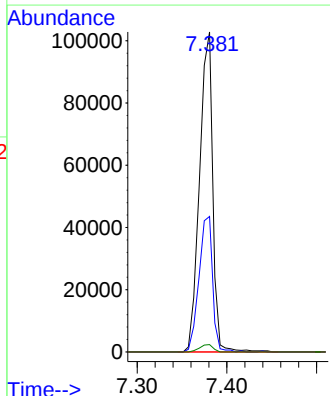
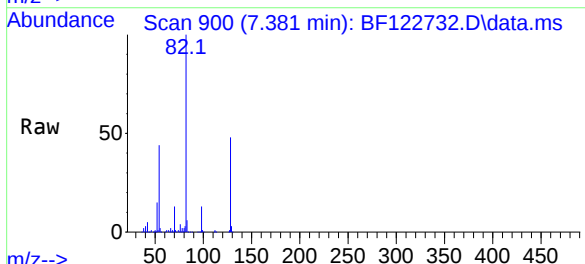
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.8	20.6
71	33.2	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.47 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

Tgt Ion: 70 Resp: 105142

Ion	Ratio	Lower	Upper
70	100		
42	42.4	43.0	64.4#
101	0.0	7.9	11.9#
130	2.3	18.5	27.7#



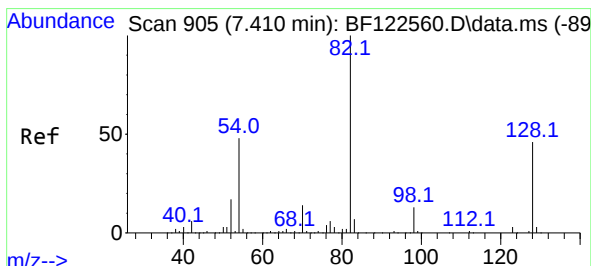
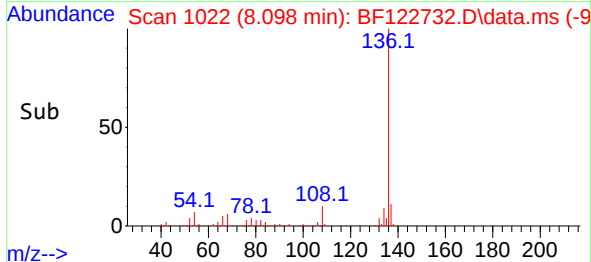
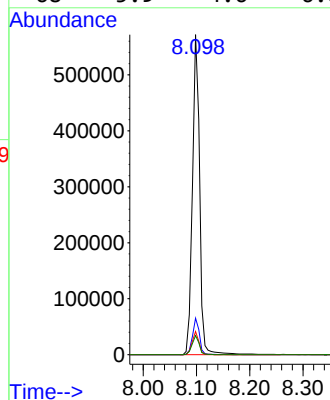
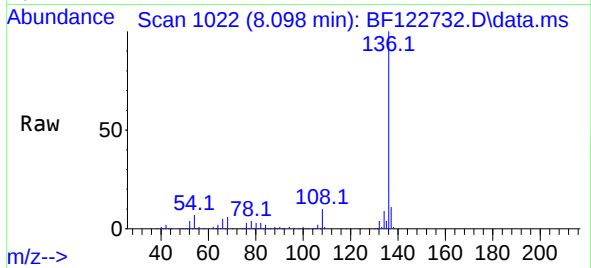


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

Instrument :
BNA_F
ClientSampleId :
PB133626BL

Tgt Ion:136 Resp: 538374

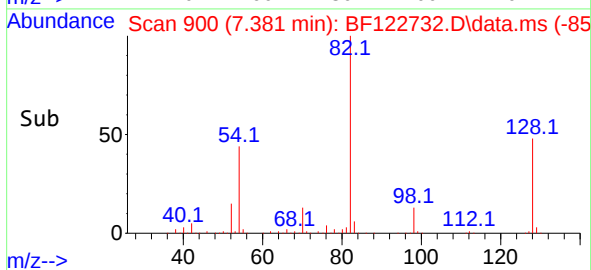
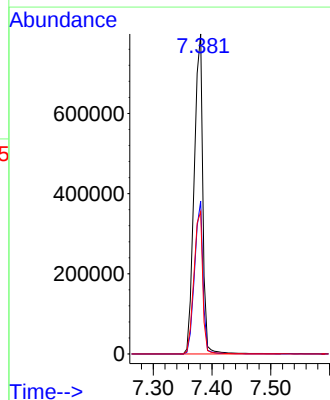
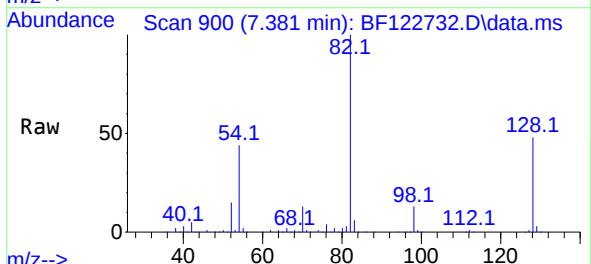
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.2	5.5	8.3
68	5.9	4.6	6.8

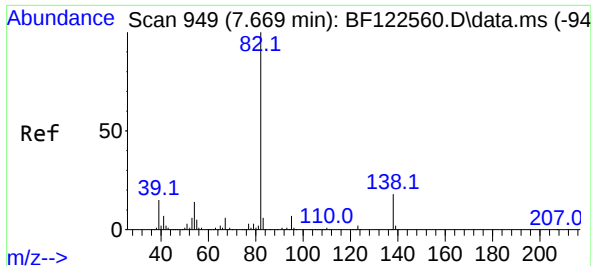


#23
Nitrobenzene-d5
Concen: 76.12 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

Tgt Ion: 82 Resp: 817938

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.4
54	44.5	38.4	57.6

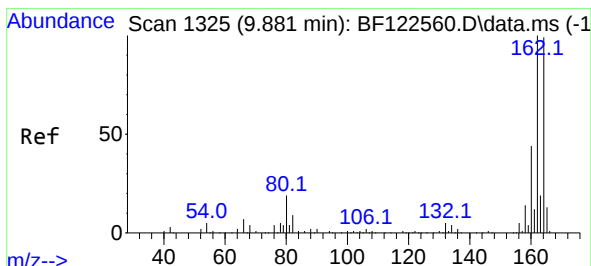
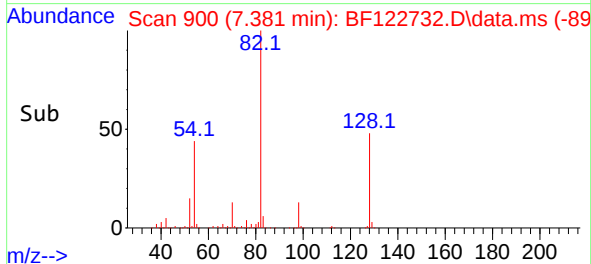
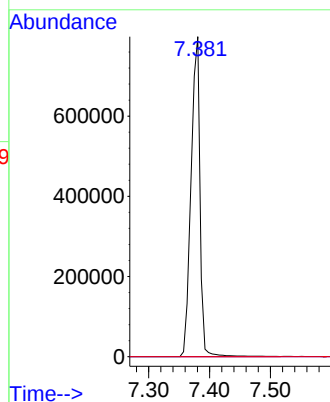
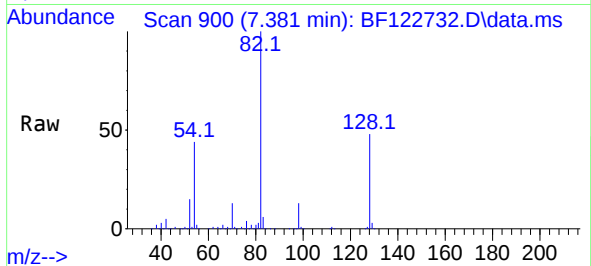




#25
Isophorone
Concen: 44.19 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

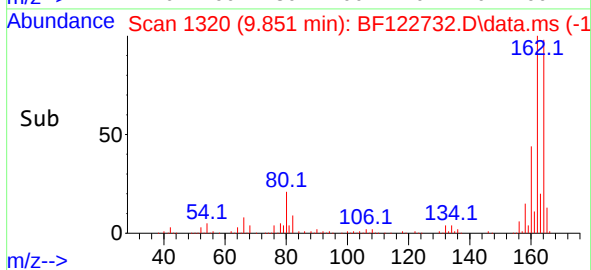
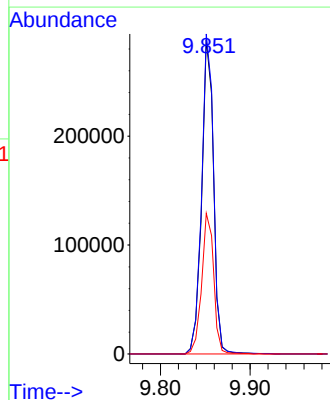
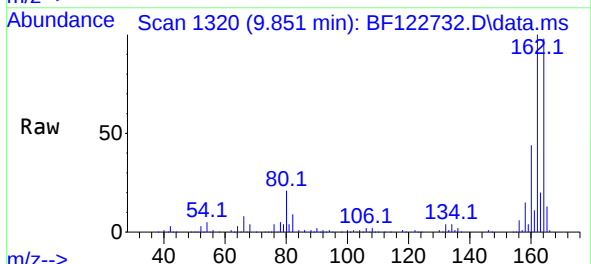
Instrument :
BNA_F
ClientSampleId :
PB133626BL

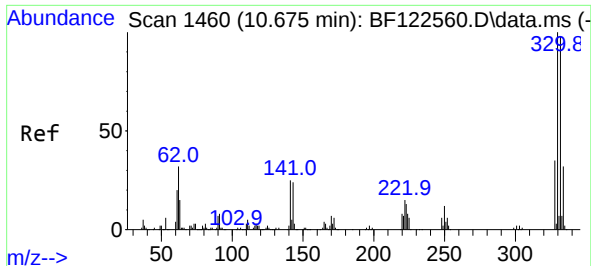
Tgt Ion: 82 Resp: 817930
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

Tgt Ion: 164 Resp: 264811
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 44.8 35.4 53.0

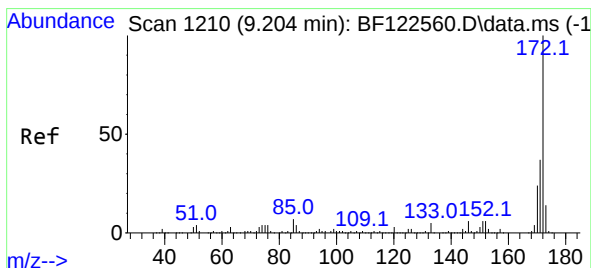
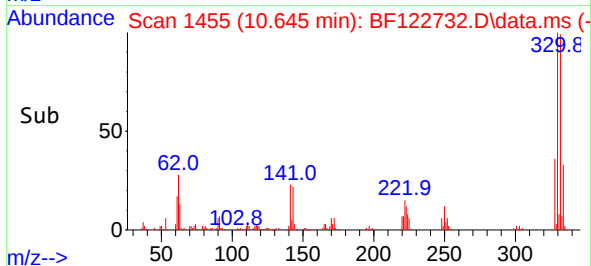
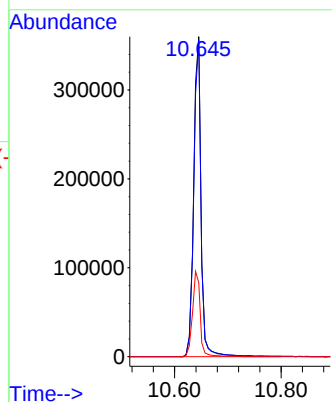
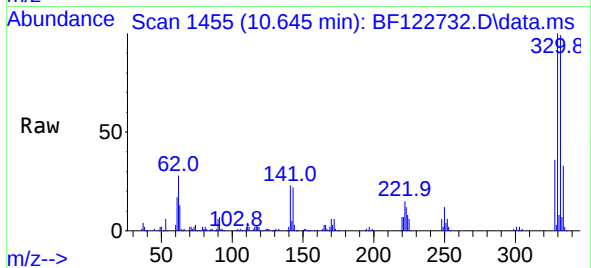




#42
2,4,6-Tribromophenol
Concen: 99.90 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

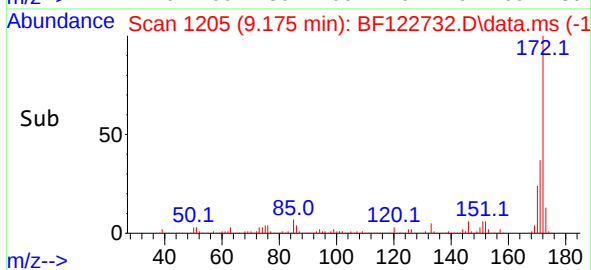
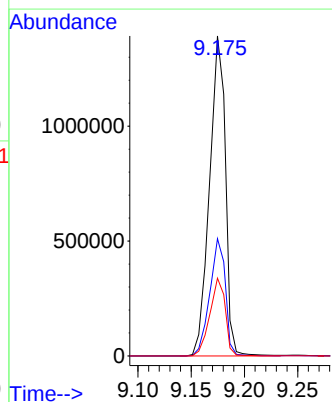
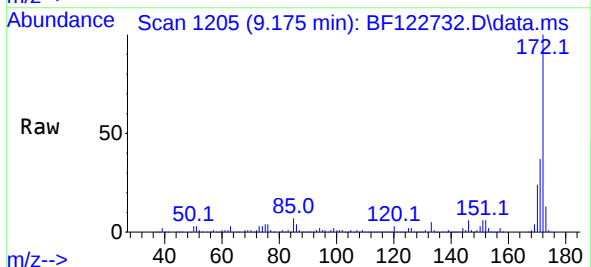
Instrument :
BNA_F
ClientSampleId :
PB133626BL

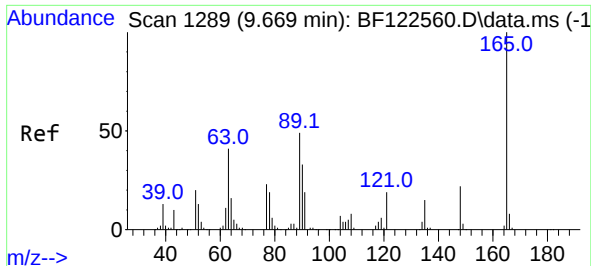
Tgt Ion: 330 Resp: 346273
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 27.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 74.27 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

Tgt Ion: 172 Resp: 1454167
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.3 19.5 29.3

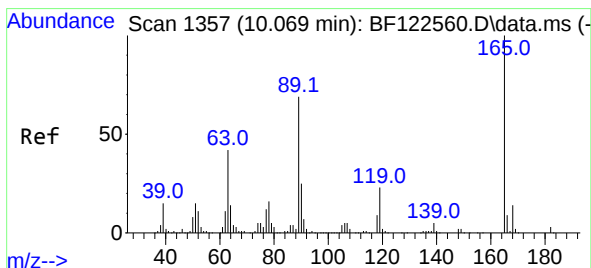
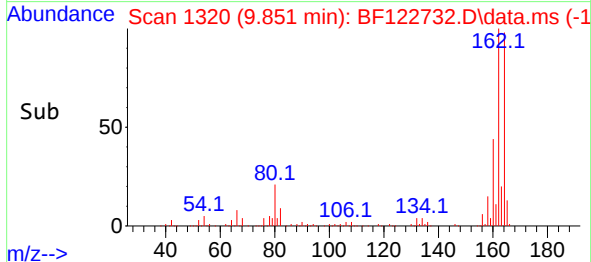
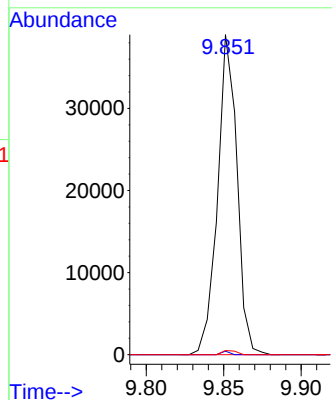
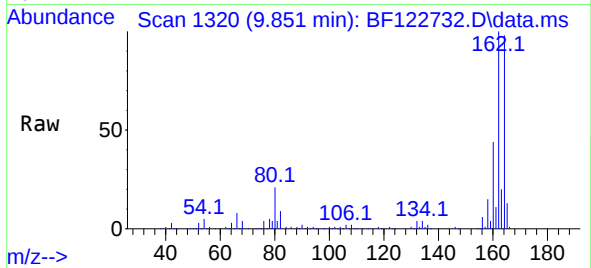




#51
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.206 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

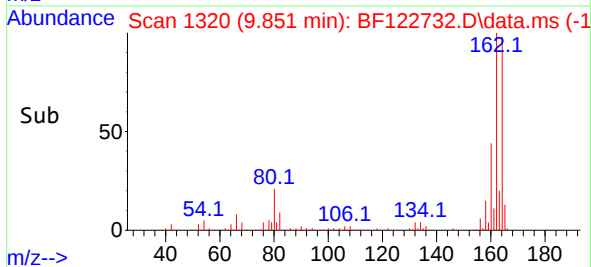
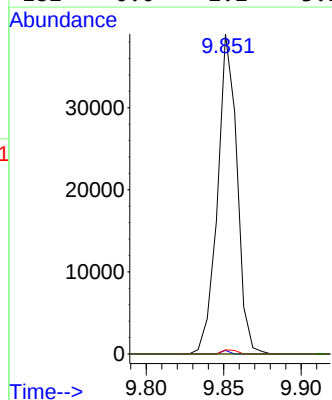
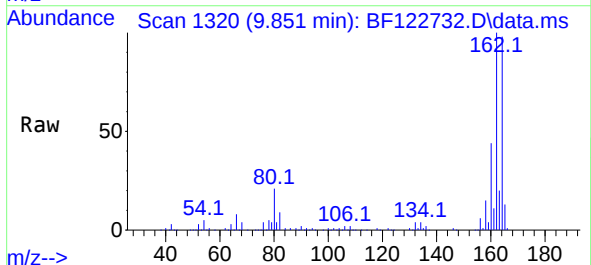
Instrument :
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ClientSampleId :
PB133626BL

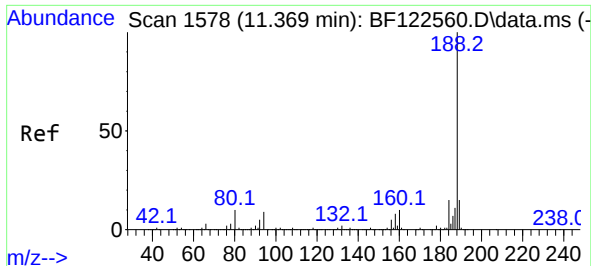
Tgt Ion:165 Resp: 33986
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.200 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

Tgt Ion:165 Resp: 33986
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

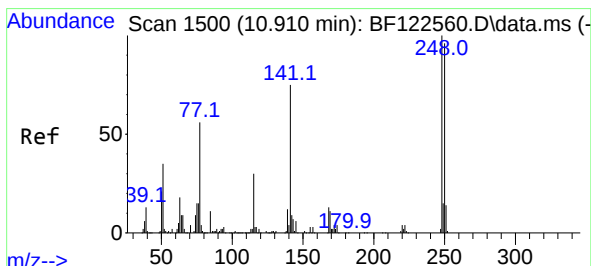
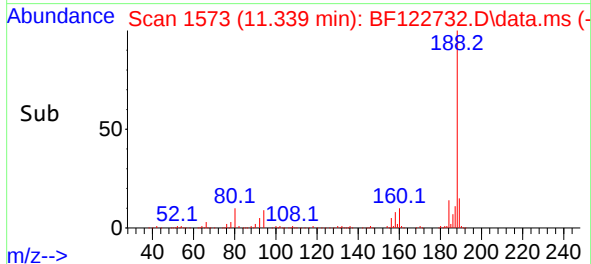
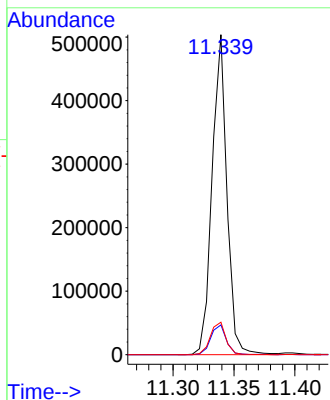
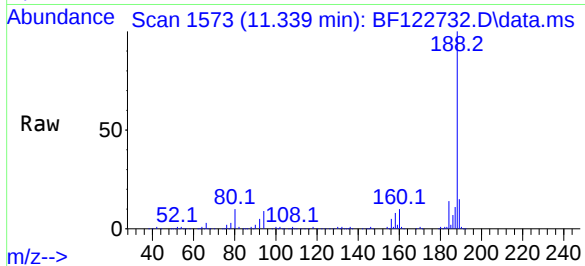




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

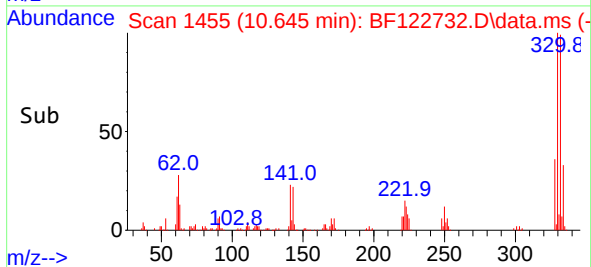
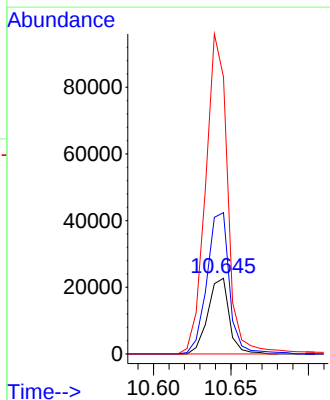
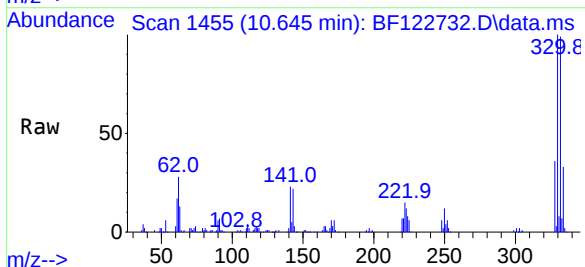
Instrument :
BNA_F
ClientSampleId :
PB133626BL

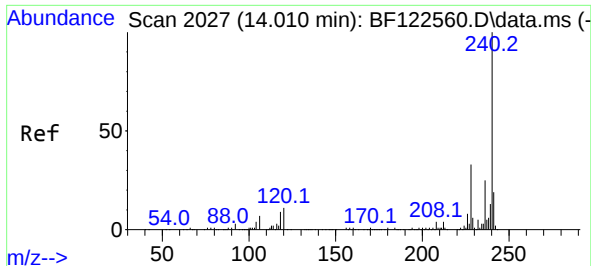
Tgt Ion:188 Resp: 427942
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.75 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

Tgt Ion:248 Resp: 21754
Ion Ratio Lower Upper
248 100
250 186.8 76.8 115.2#
141 366.3 59.8 89.8#

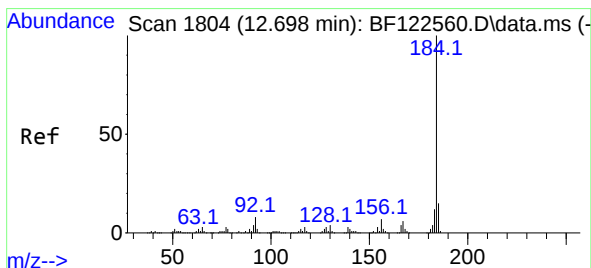
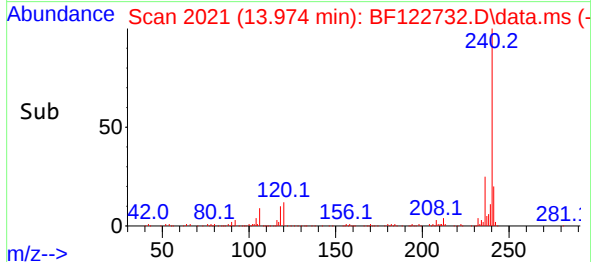
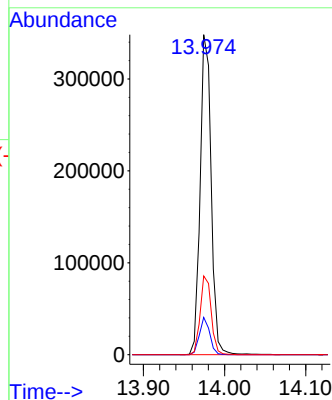
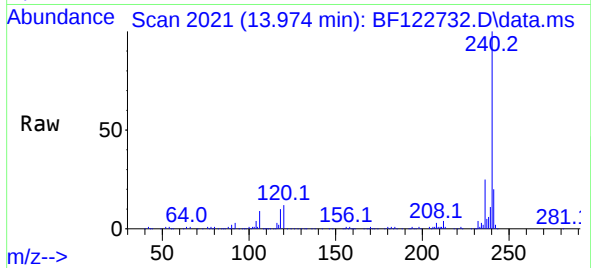




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

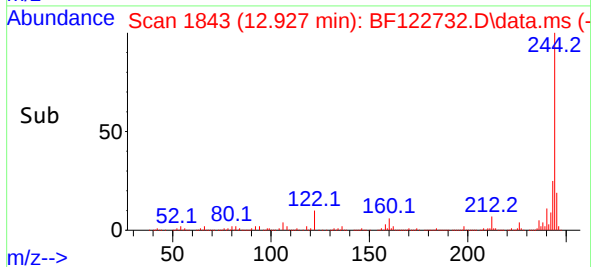
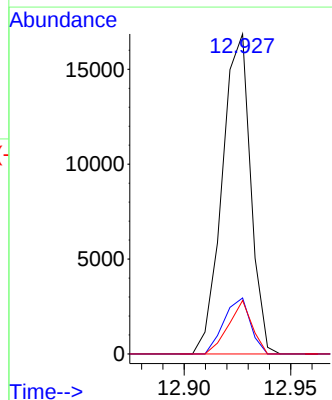
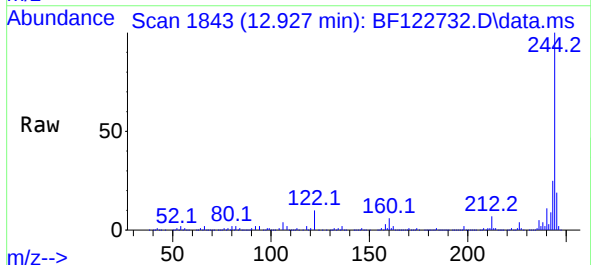
Instrument :
BNA_F
ClientSampleId :
PB133626BL

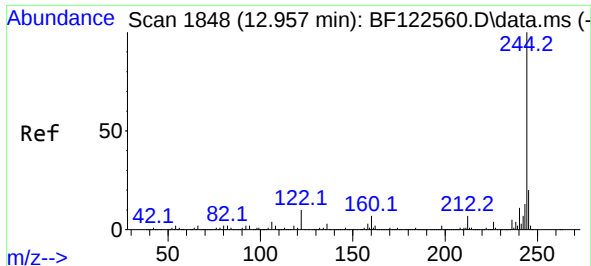
Tgt Ion:240 Resp: 328857
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 24.6 20.3 30.5



#77
Benzidine
Concen: 2.20 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

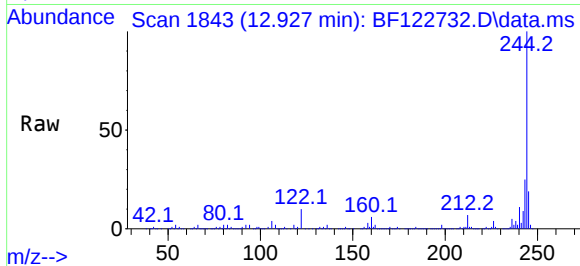
Tgt Ion:184 Resp: 15624
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.6
183 16.7 9.7 14.5#



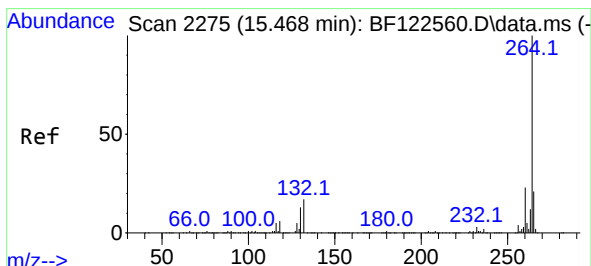
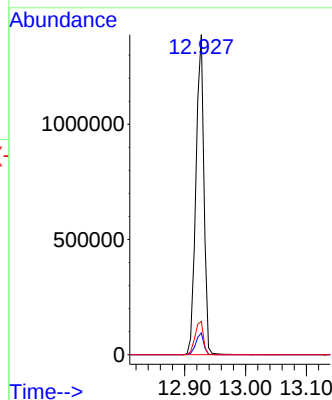
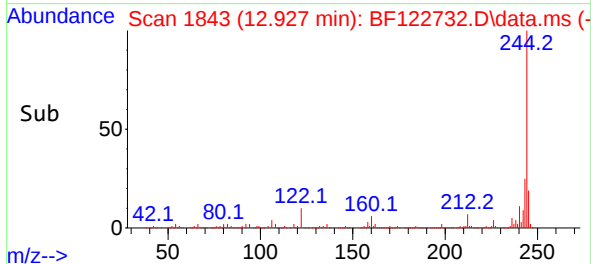


#79
Terphenyl-d14
Concen: 67.32 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52

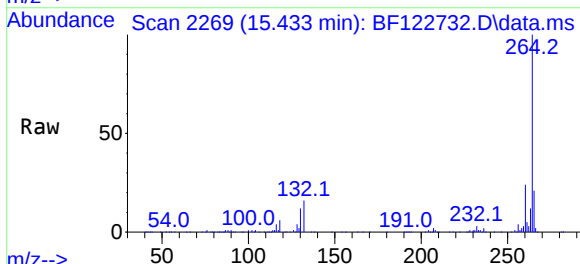
Instrument :
BNA_F
ClientSampleId :
PB133626BL



Tgt Ion:244 Resp: 1264828
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.4 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF122732.D
Acq: 16 Dec 2020 00:52



Tgt Ion:264 Resp: 345116
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.5 17.0 25.6

