

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123266.D
 Acq On : 22 Feb 2021 19:15
 Operator : JU/CG
 Sample : M1452-28
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Feb 23 03:51:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

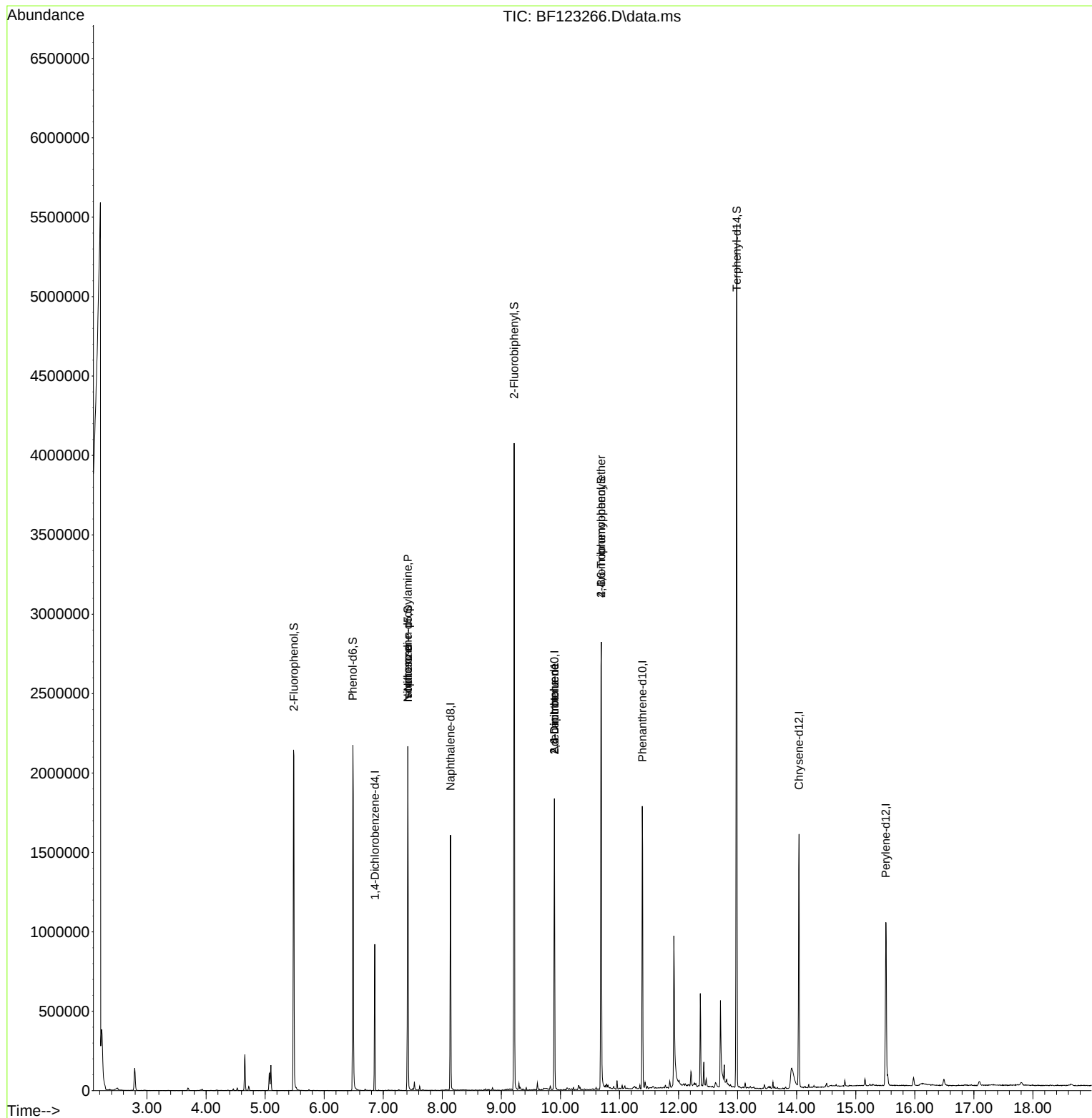
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	110853	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	630124	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	325901	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	610567	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	500432	20.00	ng	0.00
86) Perylene-d12	15.509	264	447515	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	593933	77.12	ng	0.01
7) Phenol-d6	6.486	99	730328	69.80	ng	0.00
23) Nitrobenzene-d5	7.416	82	659888	47.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	301257	90.78	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1133343	49.95	ng	0.00
79) Terphenyl-d14	12.986	244	1623655	62.39	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	1389	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	89988	14.46	ng	# 79
25) Isophorone	7.416	82	656273	25.50	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	41329	7.36	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	41329	5.47	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	22047	3.31	ng	# 1

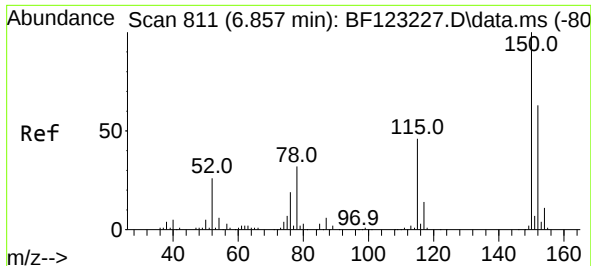
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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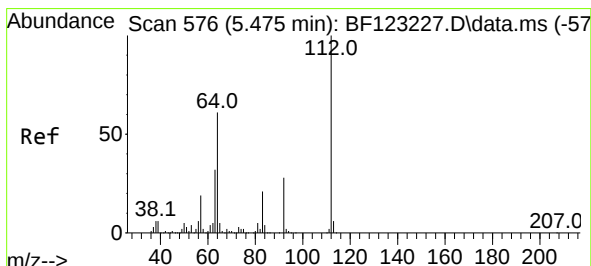
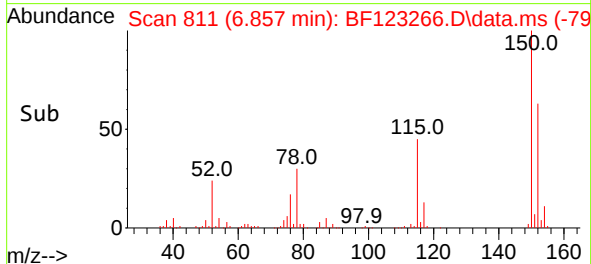
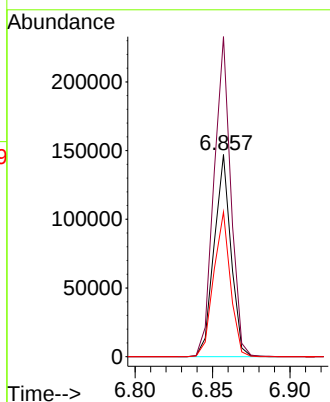
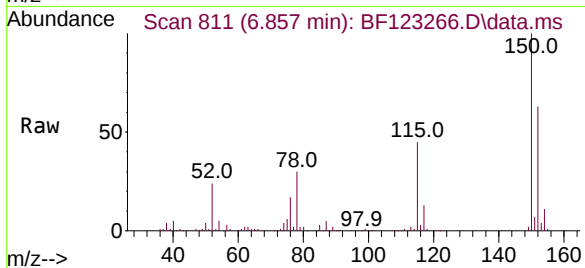




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

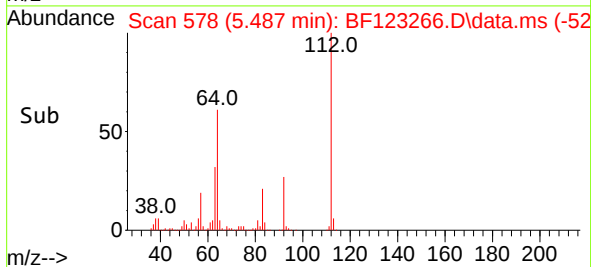
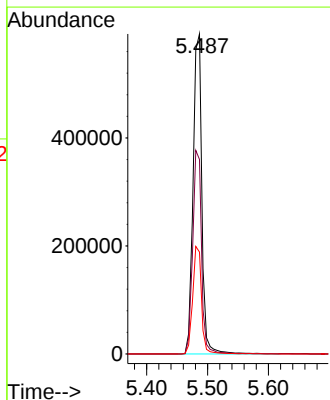
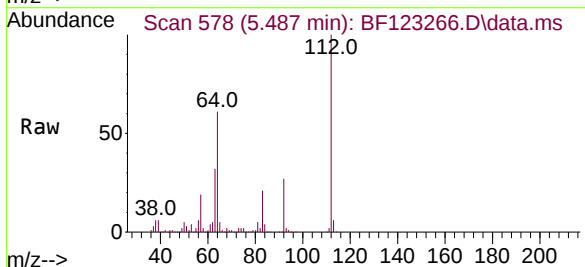
Instrument :
BNA_F
ClientSampled :
TP-7

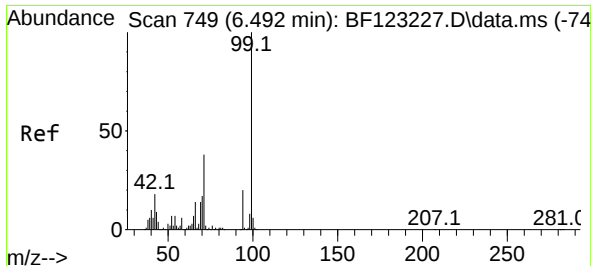
Tgt Ion:152 Resp: 110853
Ion Ratio Lower Upper
152 100
150 158.3 125.8 188.6
115 71.6 49.3 73.9



#5
2-Fluorophenol
Concen: 77.12 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

Tgt Ion:112 Resp: 593933
Ion Ratio Lower Upper
112 100
64 60.8 46.9 70.3
63 31.9 24.5 36.7

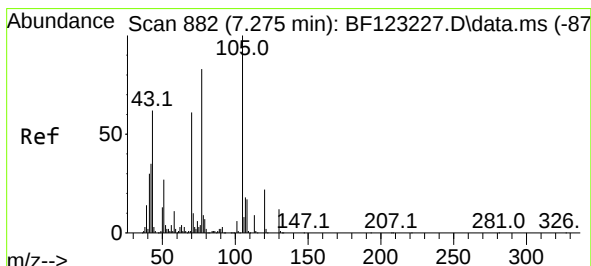
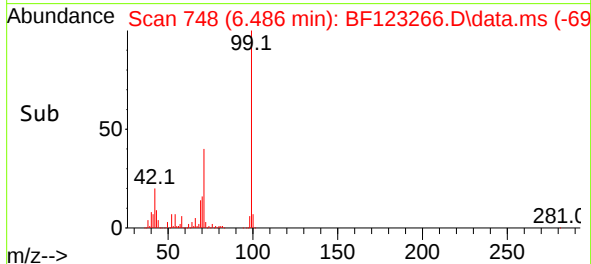
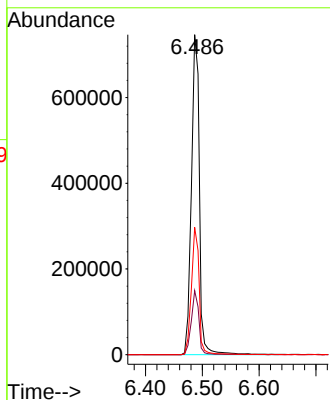
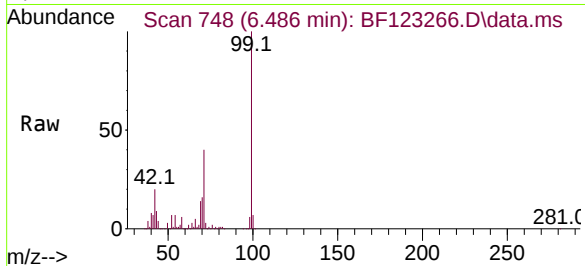




#7
Phenol-d6
Concen: 69.80 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

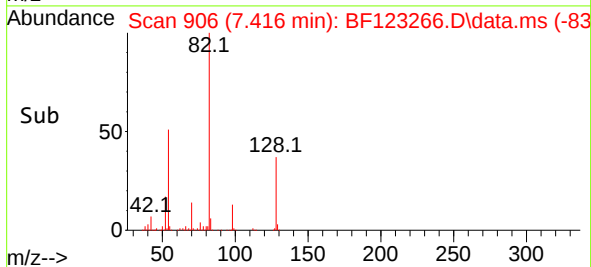
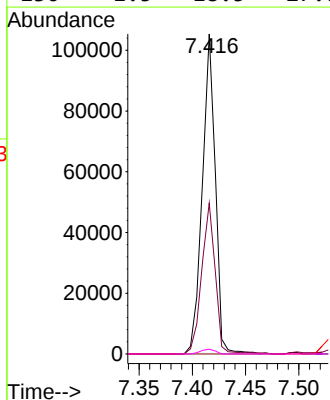
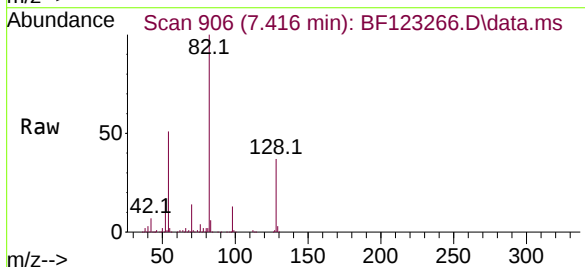
Instrument :
BNA_F
ClientSampleId :
TP-7

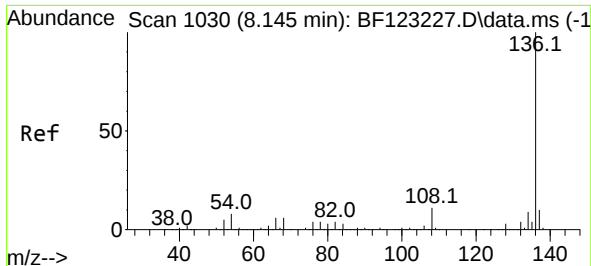
Tgt Ion: 99 Resp: 730328
Ion Ratio Lower Upper
99 100
42 20.0 13.8 20.6
71 39.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.46 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

Tgt Ion: 70 Resp: 89988
Ion Ratio Lower Upper
70 100
42 47.2 43.0 64.4
101 0.0 7.9 11.9#
130 1.5 18.5 27.7#

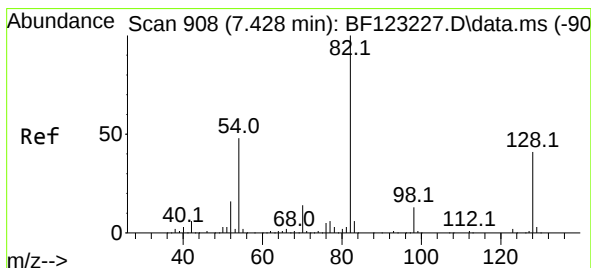
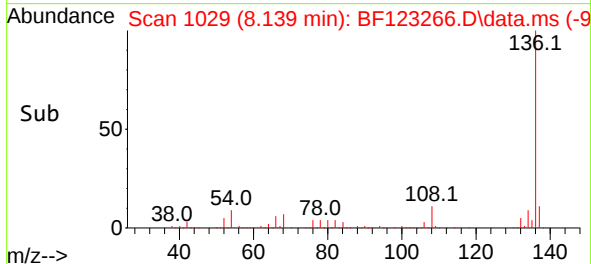
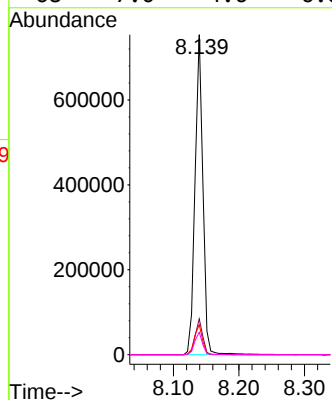
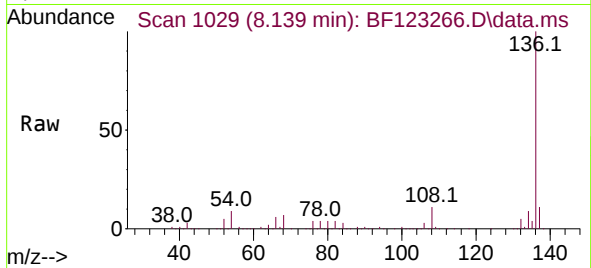




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

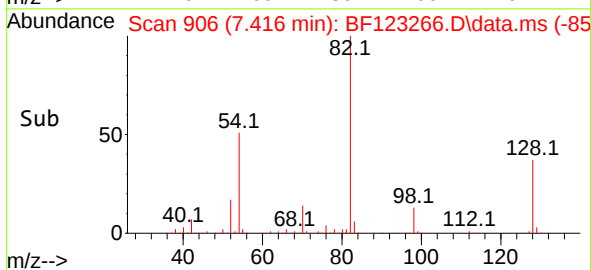
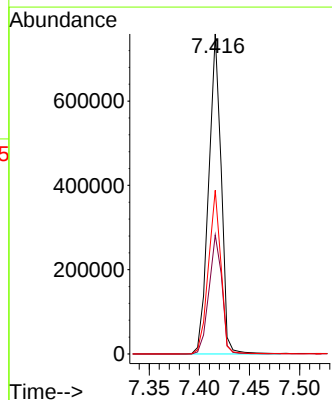
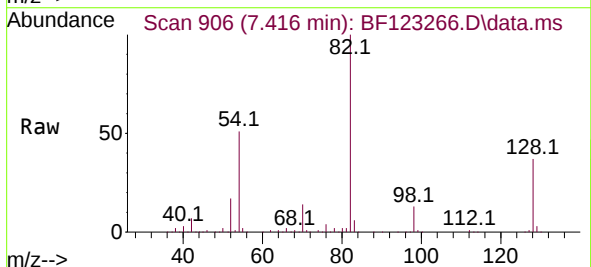
Instrument :
BNA_F
ClientSampled :
TP-7

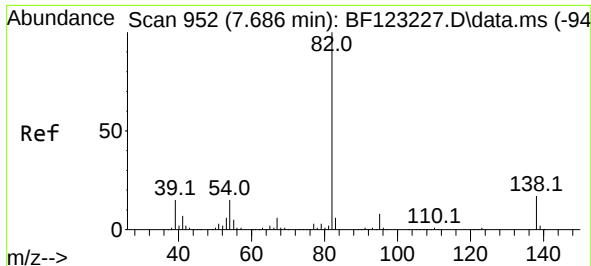
Tgt Ion:136 Resp: 630124
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.4 5.5 8.3#
68 7.0 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 47.94 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

Tgt Ion: 82 Resp: 659888
Ion Ratio Lower Upper
82 100
128 37.2 37.0 55.4
54 51.1 38.4 57.6

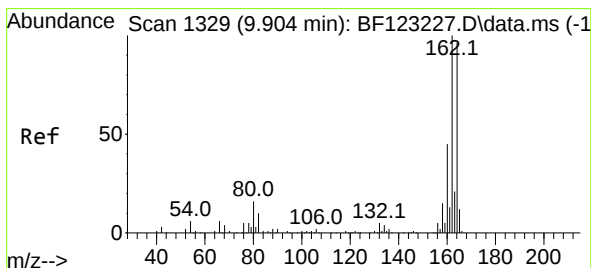
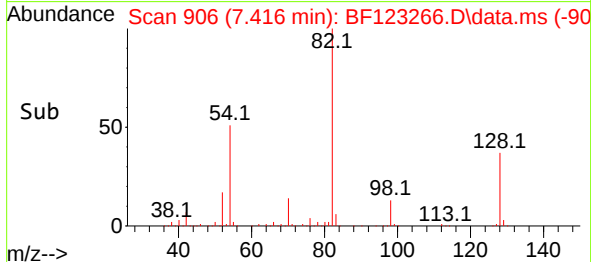
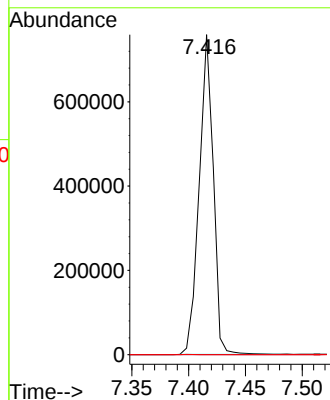
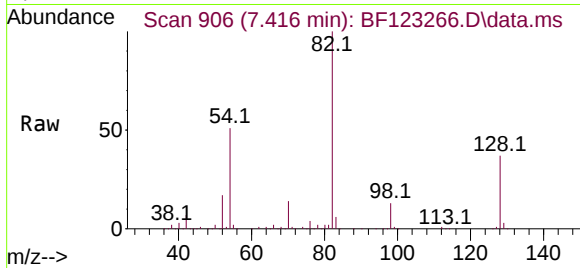




#25
Isophorone
Concen: 25.50 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

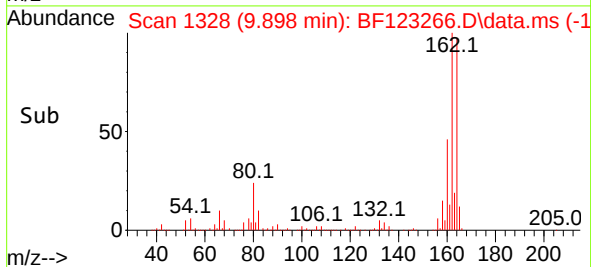
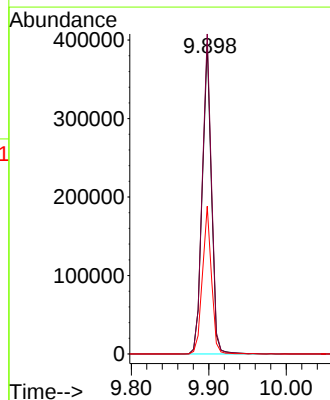
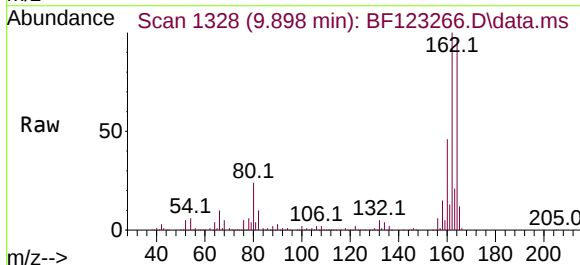
Instrument :
BNA_F
ClientSampleId :
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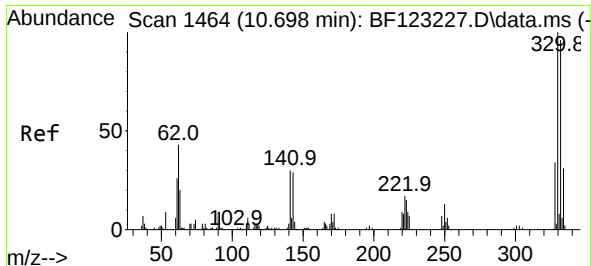
Tgt Ion: 82 Resp: 656273
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

Tgt Ion: 164 Resp: 325901
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 47.6 35.4 53.0

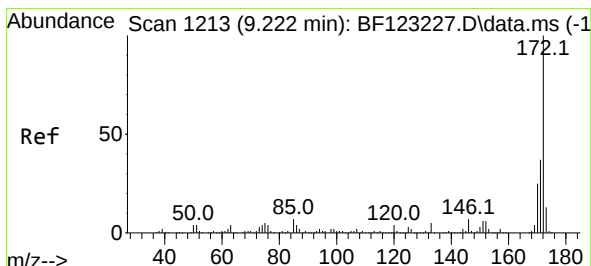
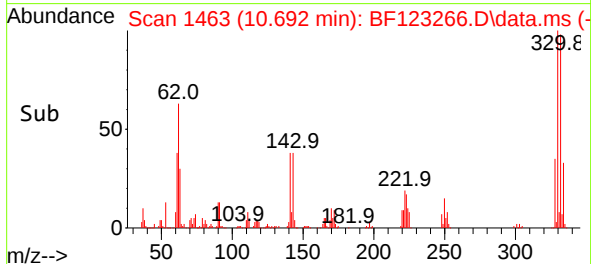
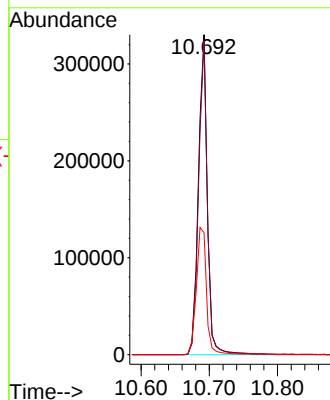
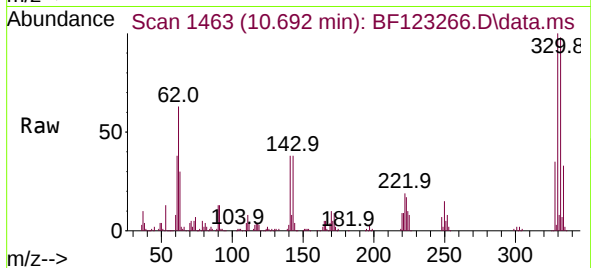




#42
2,4,6-Tribromophenol
Concen: 90.78 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

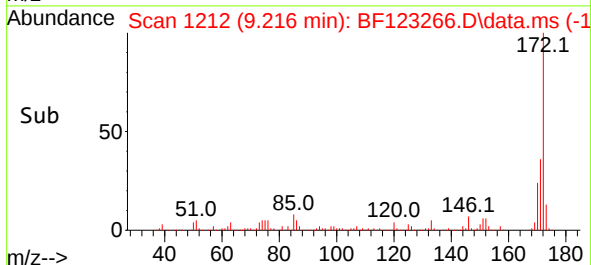
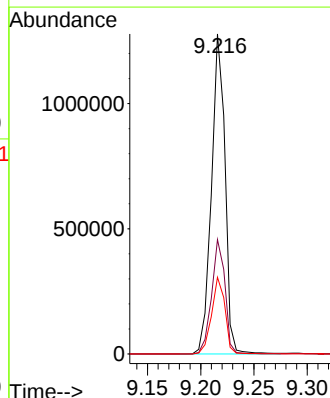
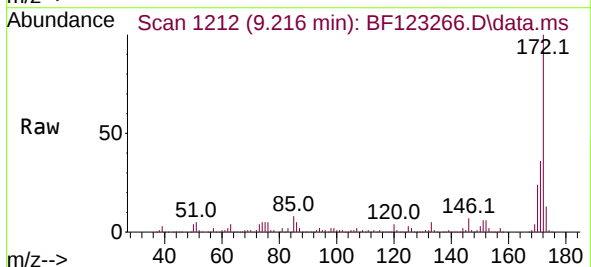
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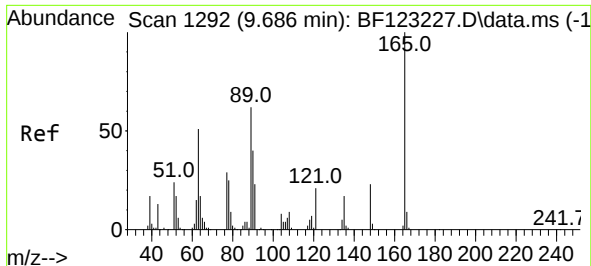
Tgt Ion: 330 Resp: 301257
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 45.2 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 49.95 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

Tgt Ion: 172 Resp: 1133343
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.0 19.5 29.3

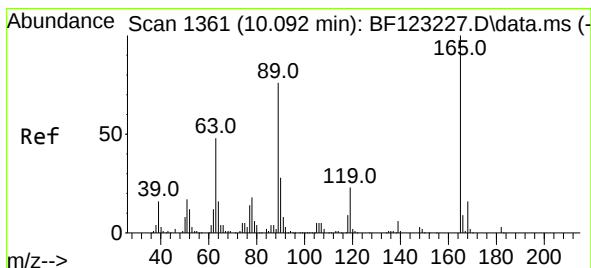
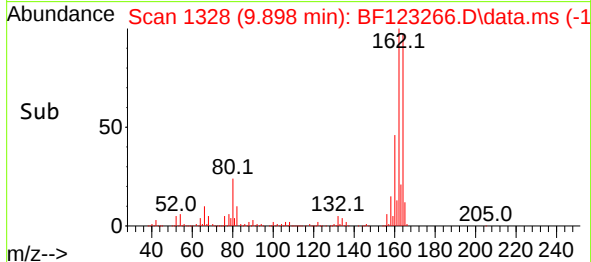
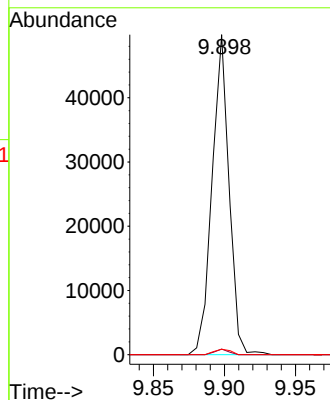
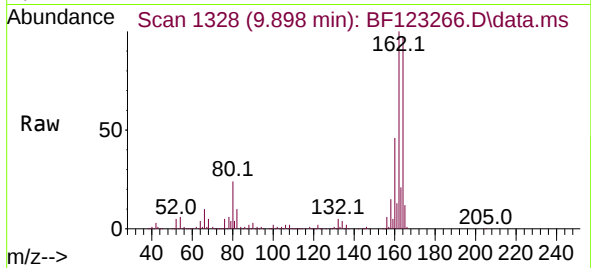




#51
2,6-Dinitrotoluene
Concen: 7.36 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

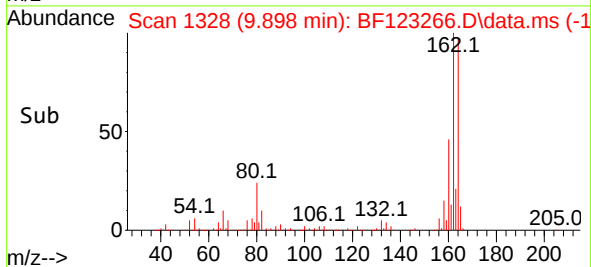
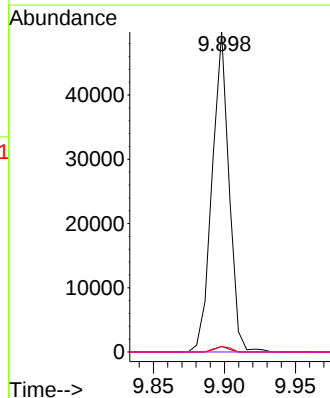
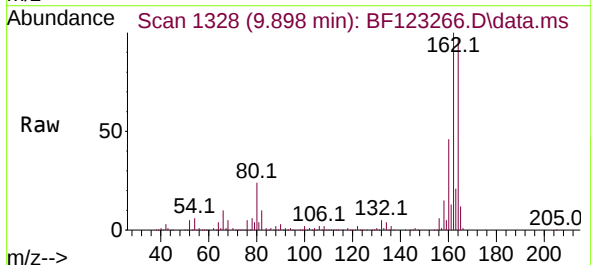
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BNA_F
ClientSampled :
TP-7

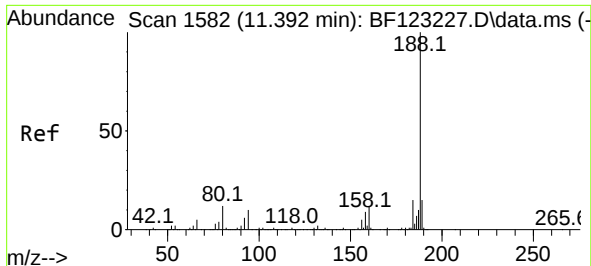
Tgt Ion:165 Resp: 41329
Ion Ratio Lower Upper
165 100
63 1.8 36.6 55.0#
89 1.7 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

Tgt Ion:165 Resp: 41329
Ion Ratio Lower Upper
165 100
63 1.8 34.3 51.5#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#

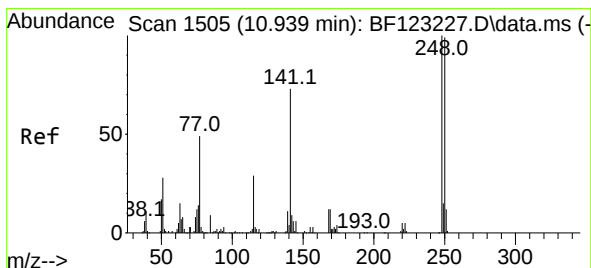
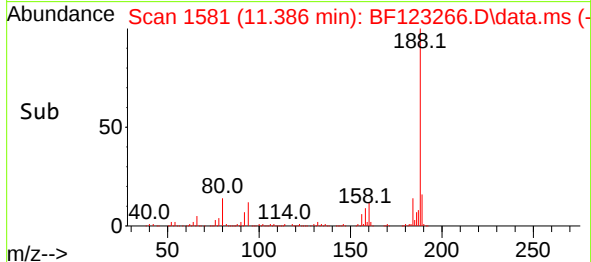
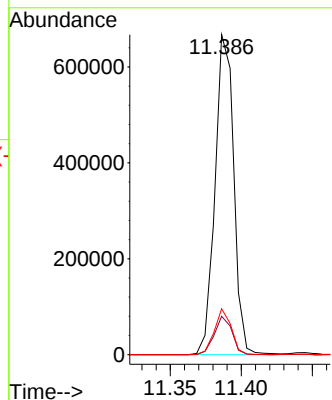
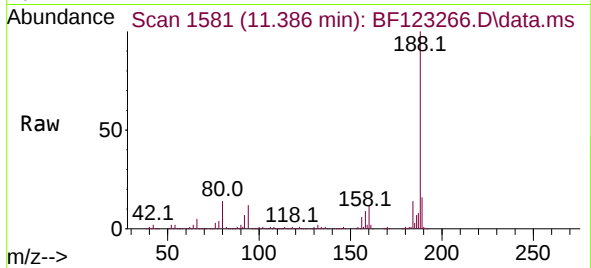




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

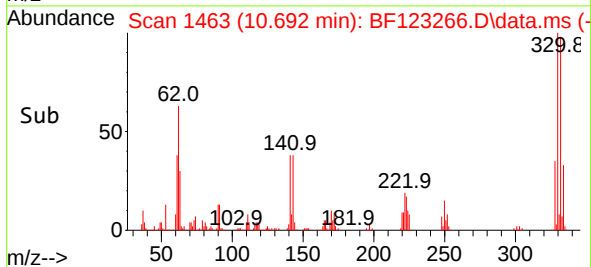
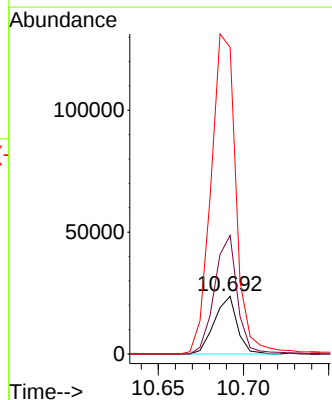
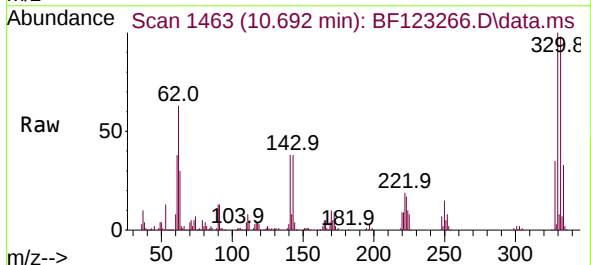
Instrument :
BNA_F
ClientSampleId :
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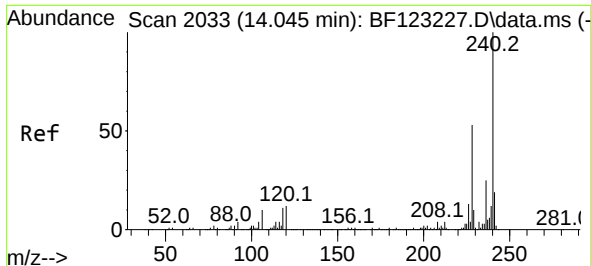
Tgt Ion:188 Resp: 610567
Ion Ratio Lower Upper
188 100
94 12.0 7.4 11.2#
80 14.4 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

Tgt Ion:248 Resp: 22047
Ion Ratio Lower Upper
248 100
250 205.7 76.8 115.2#
141 532.0 59.8 89.8#

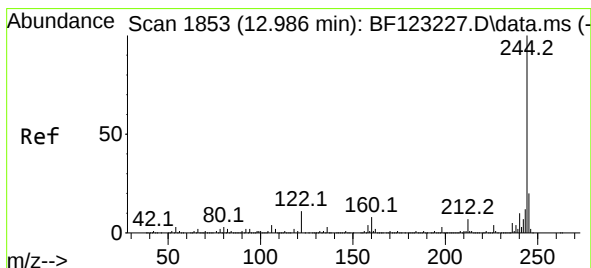
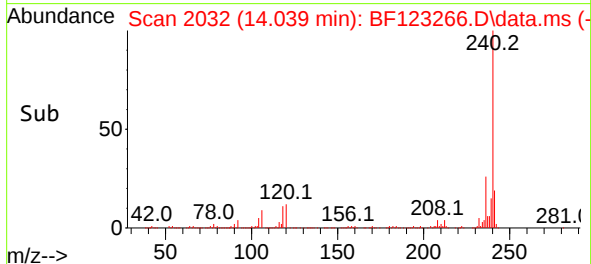
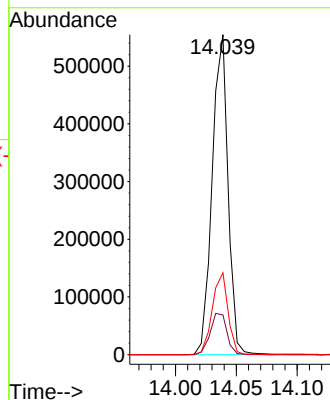
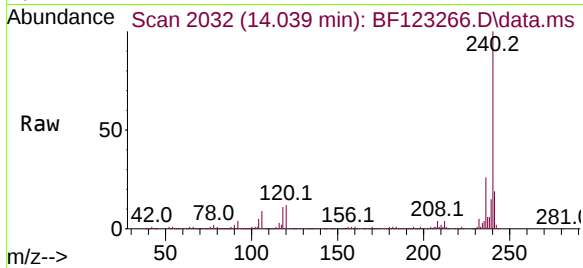




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

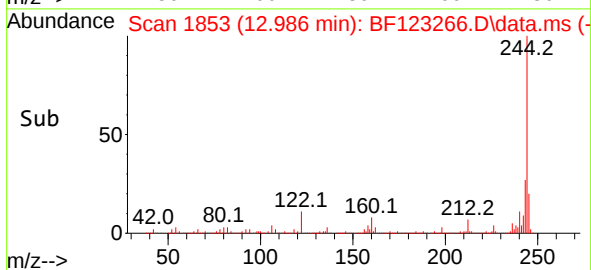
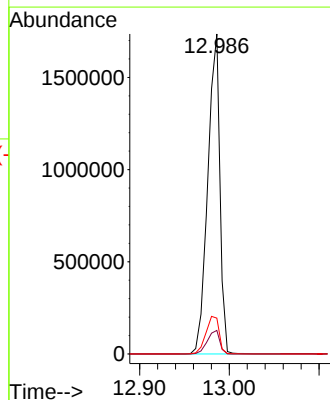
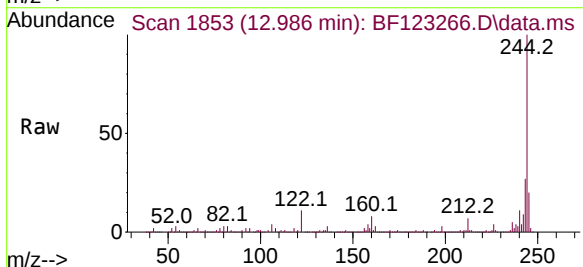
Instrument :
BNA_F
ClientSampled :
TP-7

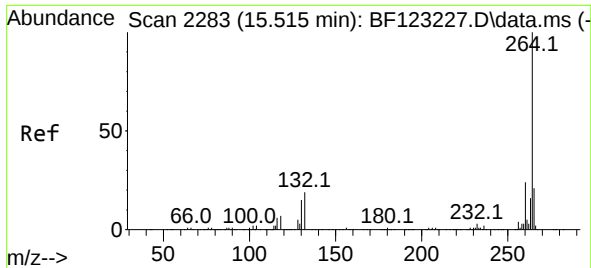
Tgt Ion:240 Resp: 500432
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 25.6 20.3 30.5



#79
Terphenyl-d14
Concen: 62.39 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

Tgt Ion:244 Resp: 1623655
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.2 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123266.D
Acq: 22 Feb 2021 19:15

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:264 Resp: 447515

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.8	17.0	25.6

