

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
 Data File : BF126288.D
 Acq On : 20 Dec 2021 20:20
 Operator : JU/CG
 Sample : M5039-02DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Quant Time: Dec 21 05:12:06 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)

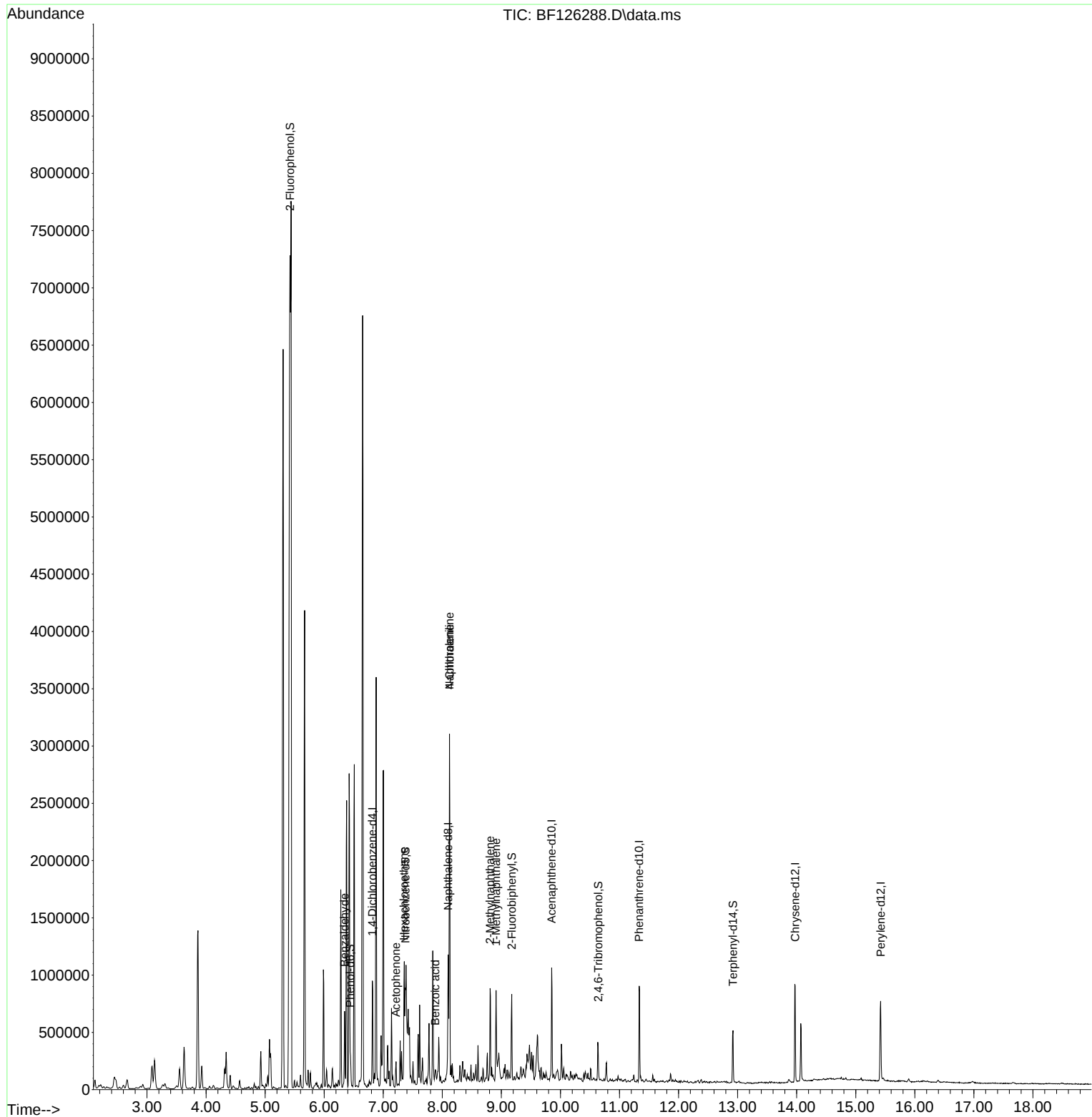
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	132359	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	466364	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	189406	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	300352	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	295520	20.000	ng	0.00
86) Perylene-d12	15.421	264	289079	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	60583	6.741	ng	0.00
7) Phenol-d6	6.439	99	81344	7.128	ng	0.00
23) Nitrobenzene-d5	7.375	82	148639	17.262	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	34571	22.712	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	211888	19.621	ng	0.00
79) Terphenyl-d14	12.921	244	141985	8.351	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	27010	3.922	ng	# 1
18) Hexachloroethane	7.351	117	62613	17.145	ng	# 1
22) Acetophenone	7.216	105	65757	6.127	ng	# 58
31) Naphthalene	8.122	128	1296481	59.445	ng	99
32) Benzoic acid	7.880	122	15308	2.700	ng	# 36
33) 4-Chloroaniline	8.122	127	167627	18.407	ng	# 29
37) 2-Methylnaphthalene	8.810	142	231070	17.204	ng	99
38) 1-Methylnaphthalene	8.910	142	148656	11.405	ng	94

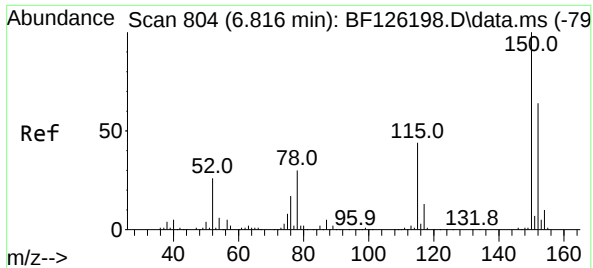
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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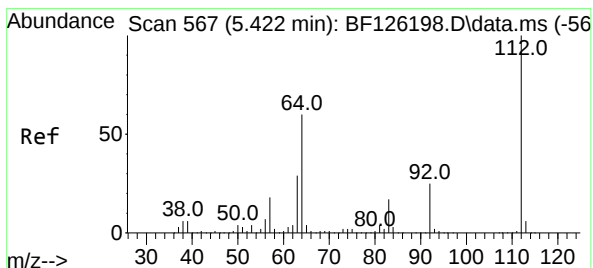
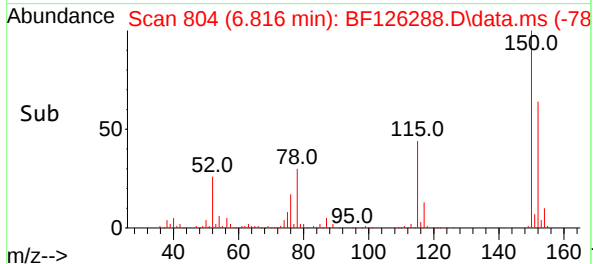
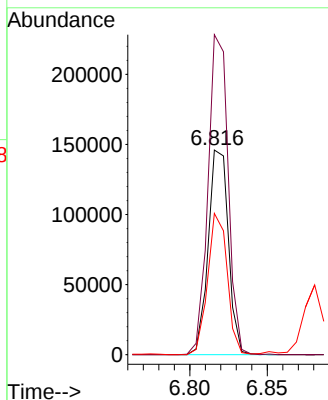
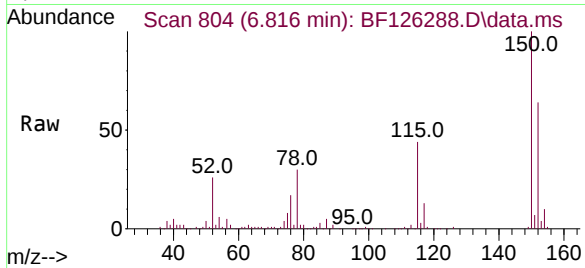




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

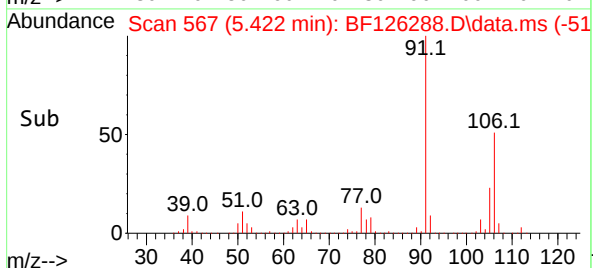
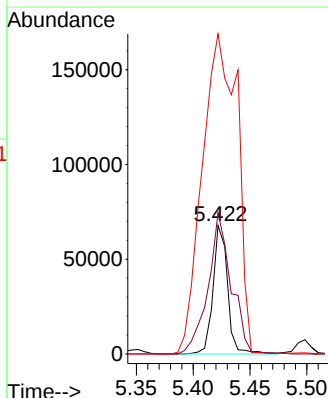
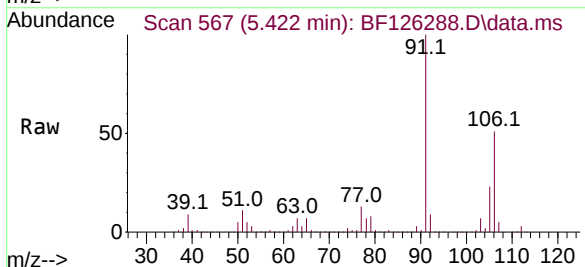
Instrument :
BNA_F
ClientSampleId :
MW-14DL

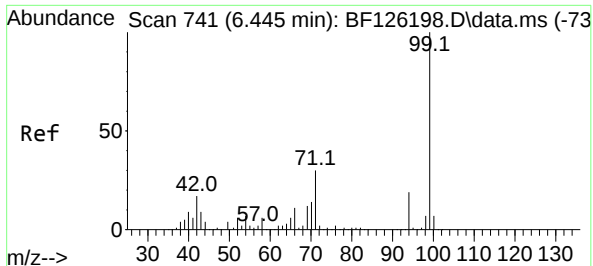
Tgt Ion:152 Resp: 132359
Ion Ratio Lower Upper
152 100
150 156.4 117.6 176.4
115 69.0 47.1 70.7



#5
2-Fluorophenol
Concen: 6.741 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

Tgt Ion:112 Resp: 60583
Ion Ratio Lower Upper
112 100
64 109.8 44.2 66.2#
63 248.9 26.2 39.2#





#7

Phenol-d6

Concen: 7.128 ng

RT: 6.439 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF126288.D

Acq: 20 Dec 2021 20:20

Instrument :

BNA_F

ClientSampleId :

MW-14DL

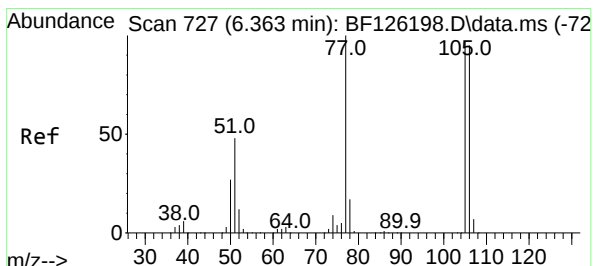
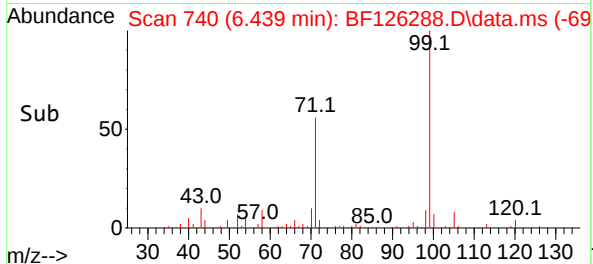
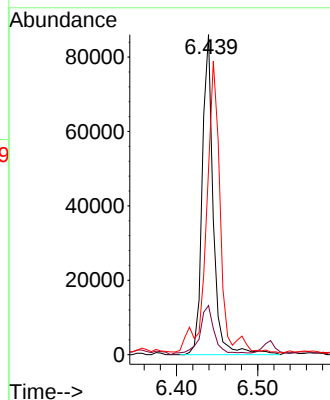
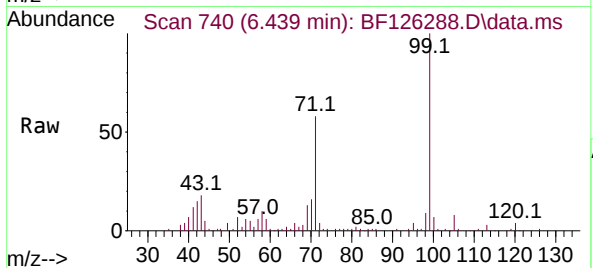
Tgt Ion: 99 Resp: 81344

Ion Ratio Lower Upper

99 100

42 15.4 23.5 35.3#

71 57.7 25.6 38.4#



#9

Benzaldehyde

Concen: 3.922 ng

RT: 6.345 min Scan# 724

Delta R.T. -0.018 min

Lab File: BF126288.D

Acq: 20 Dec 2021 20:20

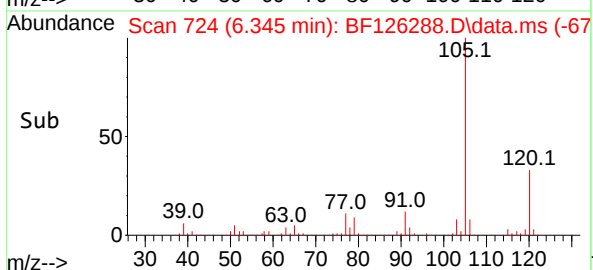
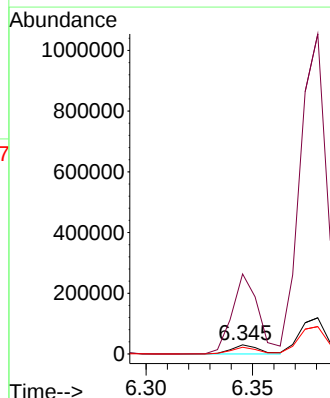
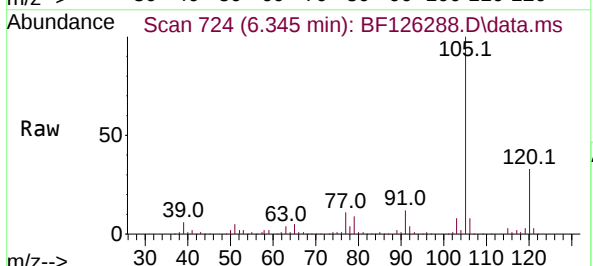
Tgt Ion: 77 Resp: 27010

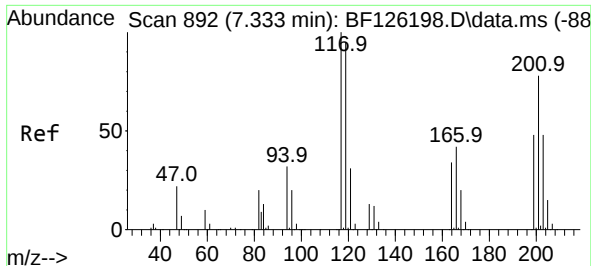
Ion Ratio Lower Upper

77 100

105 877.4 75.9 115.9#

106 73.7 84.0 124.0#

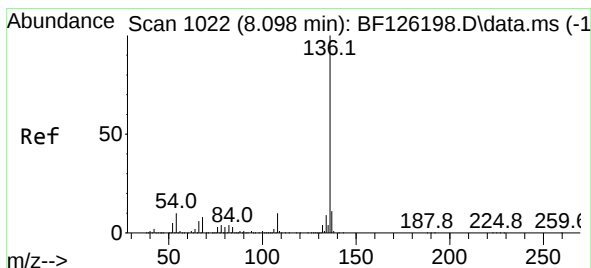
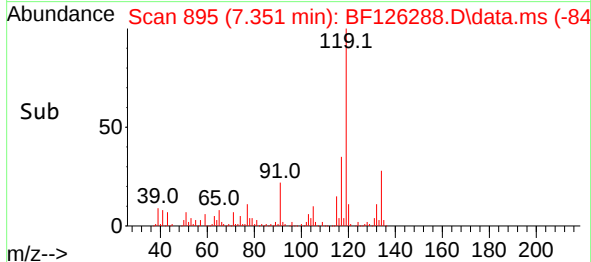
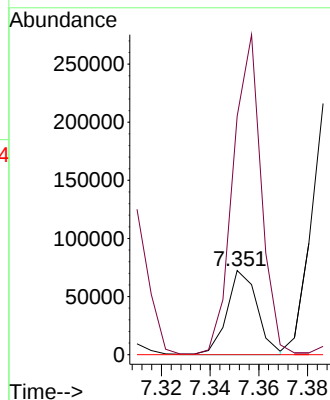
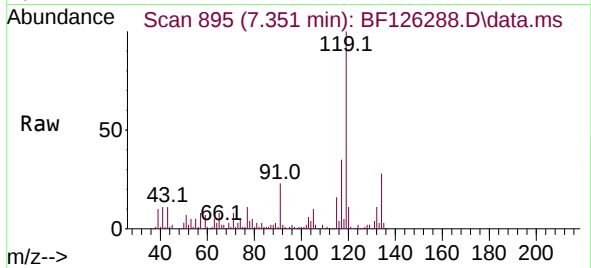




#18
Hexachloroethane
Concen: 17.145 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.018 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

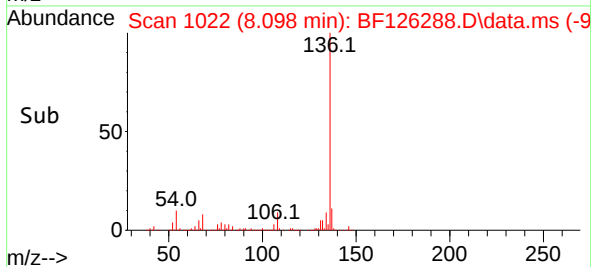
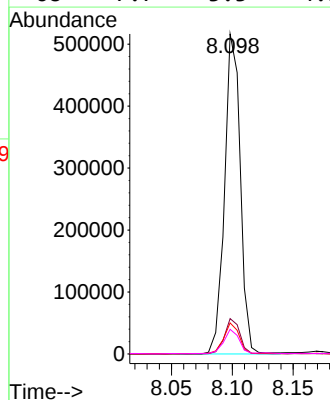
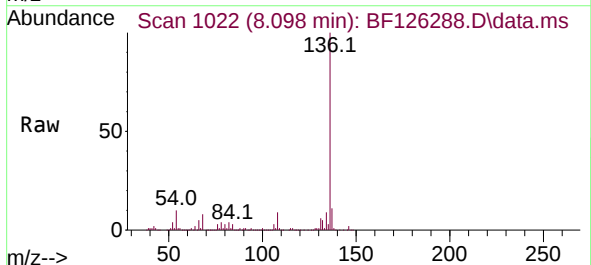
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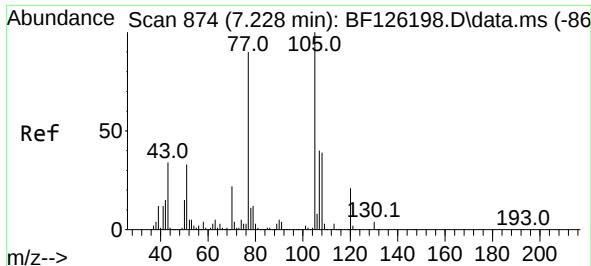
Tgt Ion:117 Resp: 62613
Ion Ratio Lower Upper
117 100
119 283.3 73.4 110.2#
201 0.0 64.9 97.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

Tgt Ion:136 Resp: 466364
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 9.7 6.4 9.6#
68 7.7 3.3 4.9#

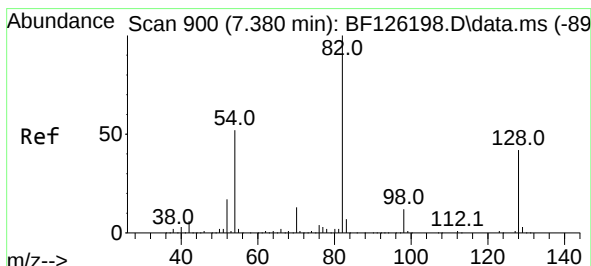
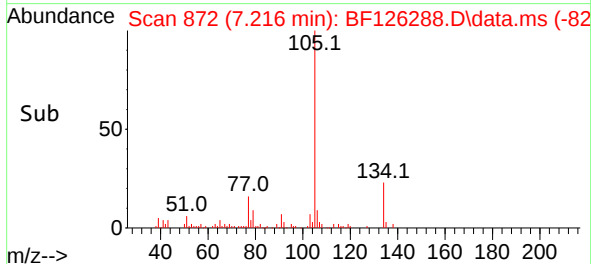
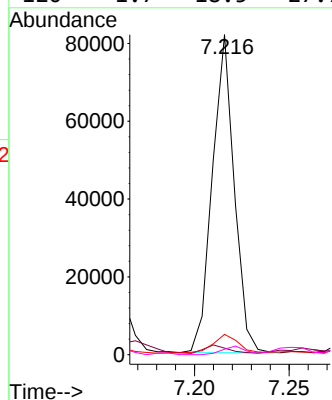
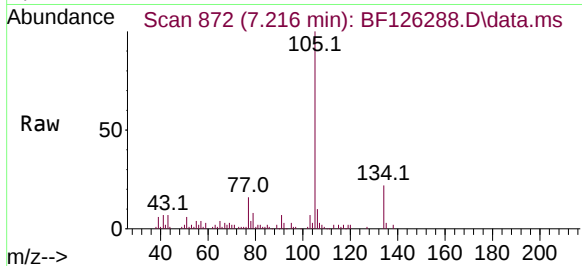




#22
Acetophenone
Concen: 6.127 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

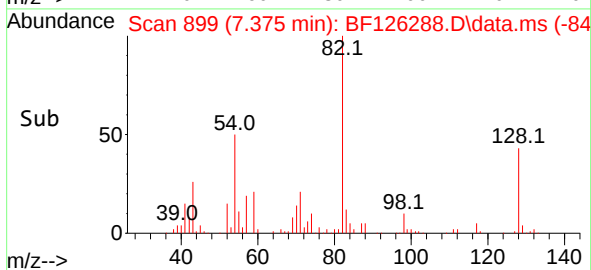
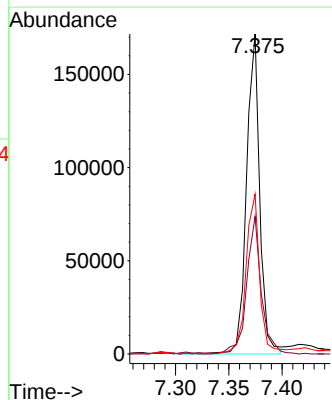
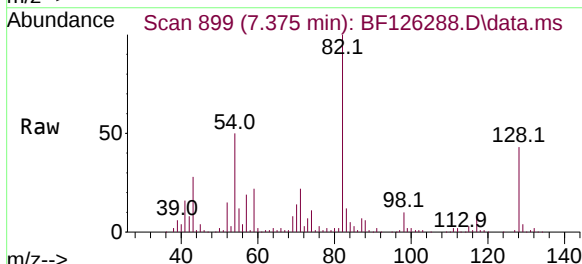
Instrument :
BNA_F
ClientSampleId :
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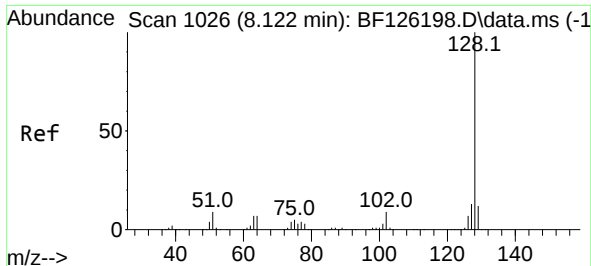
Tgt Ion:105 Resp: 65757
Ion Ratio Lower Upper
105 100
71 2.0 5.5 8.3#
51 6.4 26.0 39.0#
120 1.7 18.5 27.7#



#23
Nitrobenzene-d5
Concen: 17.262 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

Tgt Ion: 82 Resp: 148639
Ion Ratio Lower Upper
82 100
128 43.0 40.6 60.8
54 50.0 49.6 74.4

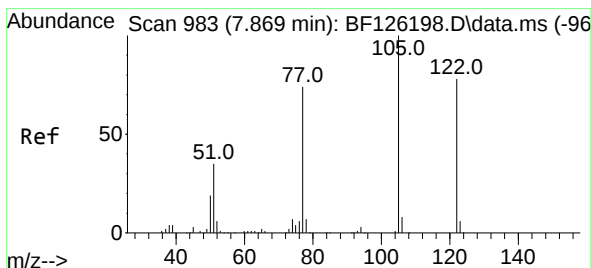
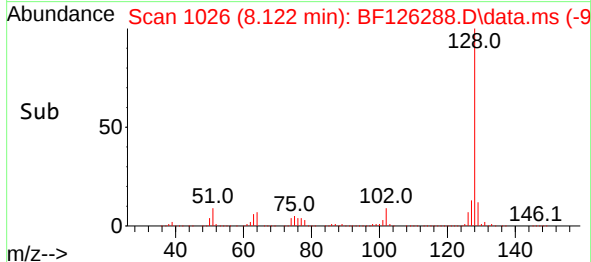
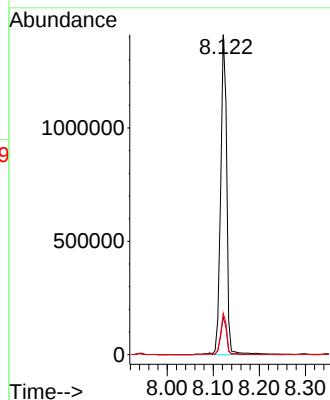
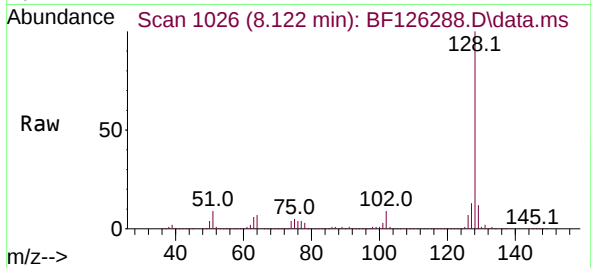




#31
Naphthalene
Concen: 59.445 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

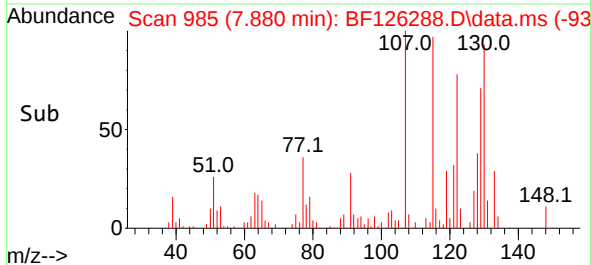
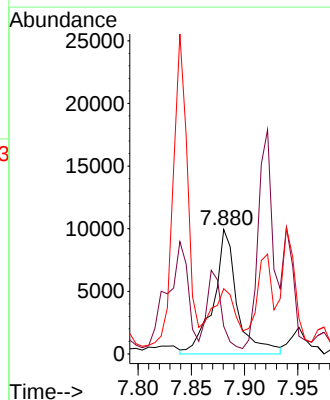
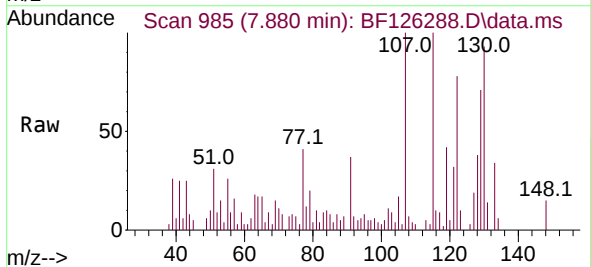
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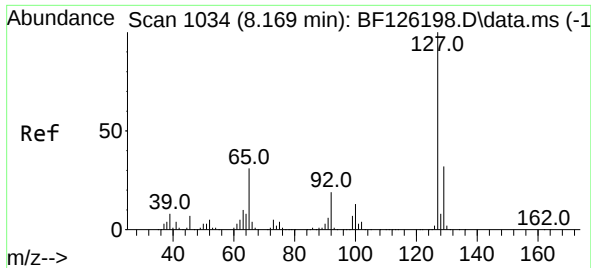
Tgt Ion:128 Resp: 1296481
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.0 10.9 16.3



#32
Benzoic acid
Concen: 2.700 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

Tgt Ion:122 Resp: 15308
Ion Ratio Lower Upper
122 100
105 22.2 97.6 137.6#
77 52.5 59.6 99.6#

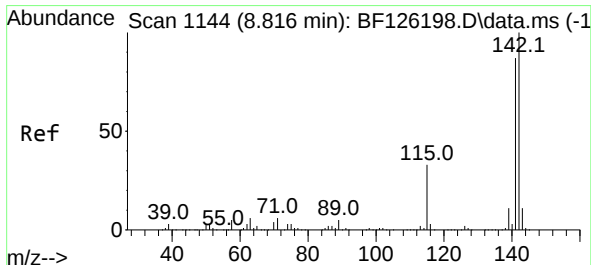
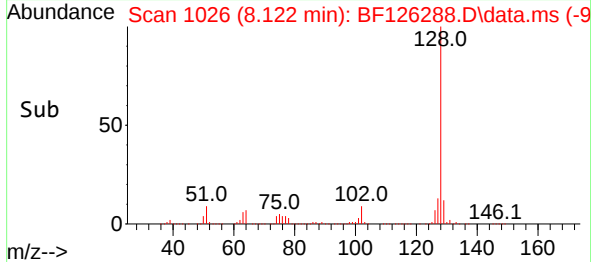
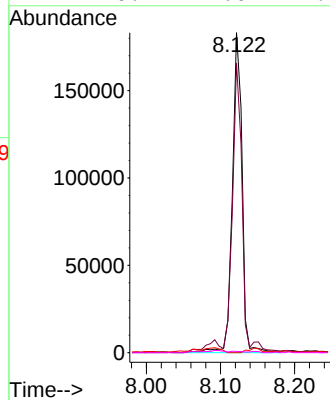
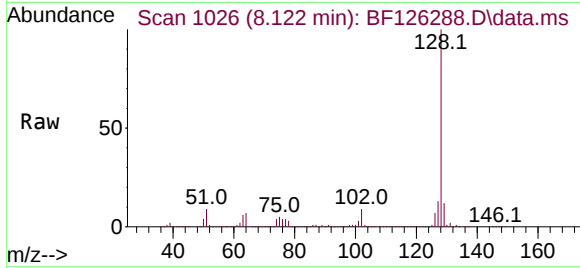




#33
4-Chloroaniline
Concen: 18.407 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.047 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

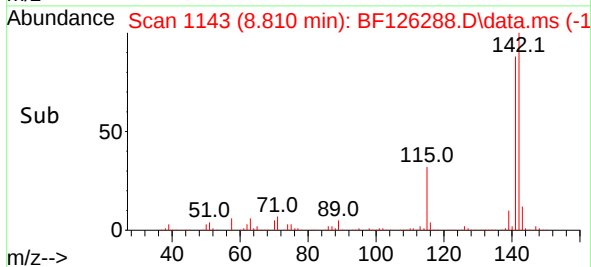
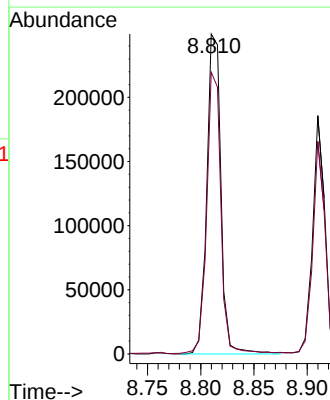
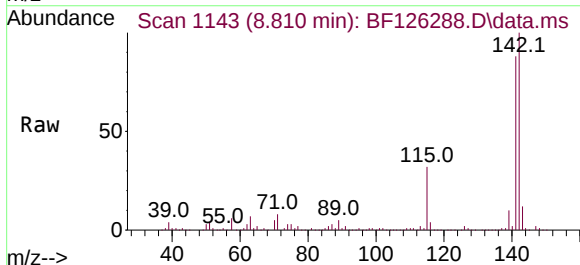
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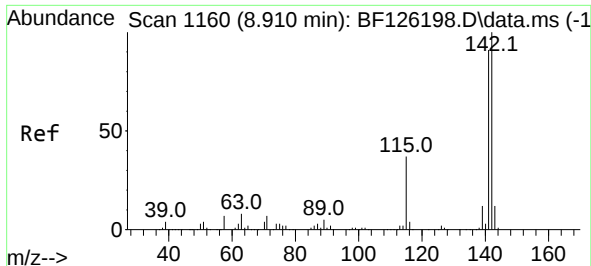
Tgt Ion:127 Resp: 167627
Ion Ratio Lower Upper
127 100
129 90.6 25.7 38.5#
65 0.0 21.2 31.8#
92 0.4 14.0 21.0#



#37
2-Methylnaphthalene
Concen: 17.204 ng
RT: 8.810 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

Tgt Ion:142 Resp: 231070
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8

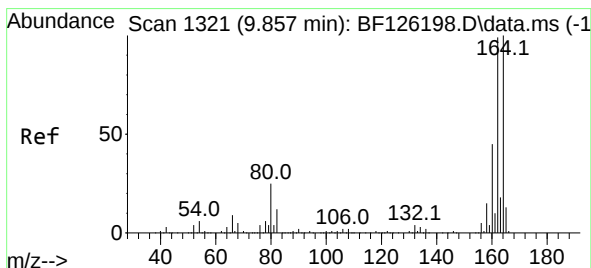
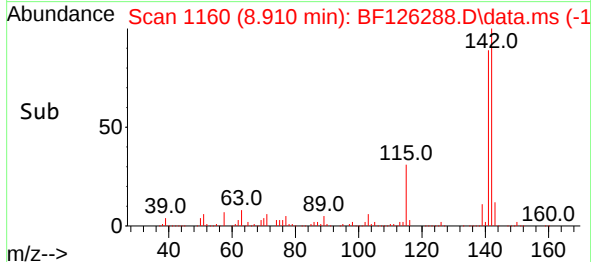
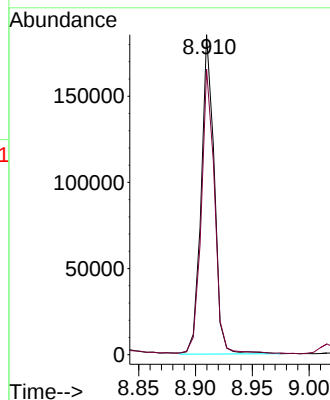
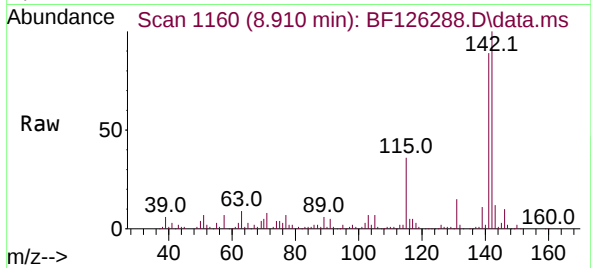




#38
1-Methylnaphthalene
Concen: 11.405 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

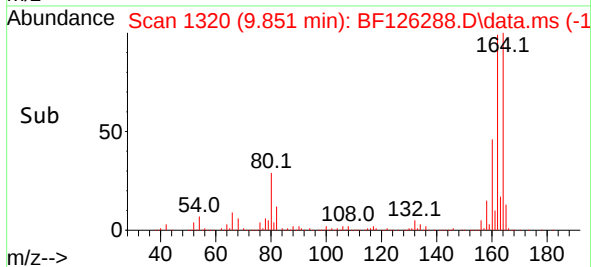
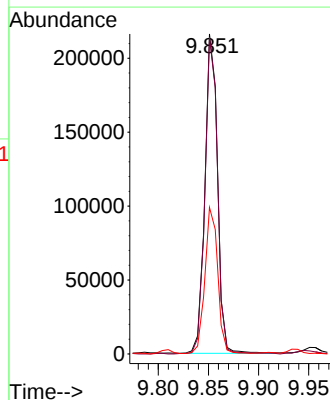
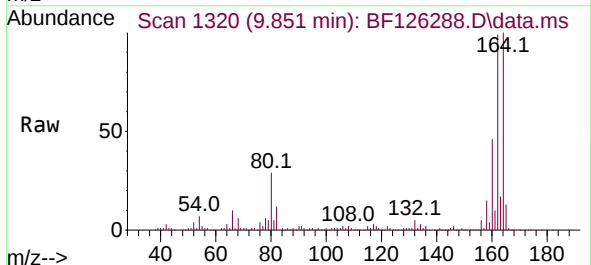
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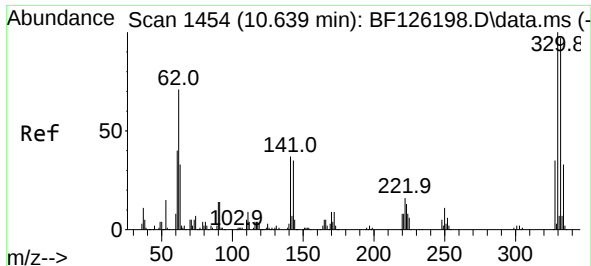
Tgt Ion:142 Resp: 148656
Ion Ratio Lower Upper
142 100
141 89.2 76.0 114.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

Tgt Ion:164 Resp: 189406
Ion Ratio Lower Upper
164 100
162 99.0 81.3 121.9
160 45.8 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 22.712 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126288.D

Acq: 20 Dec 2021 20:20

Instrument :

BNA_F

ClientSampleId :

MW-14DL

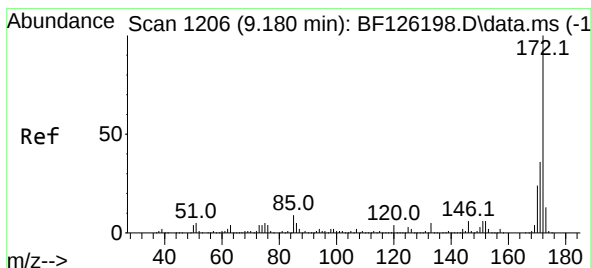
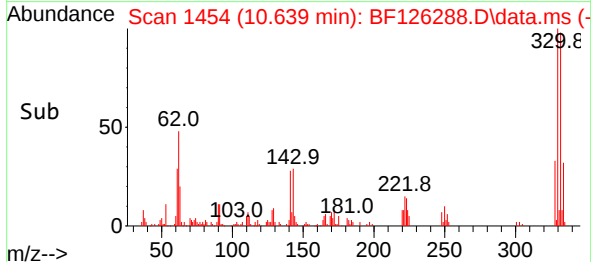
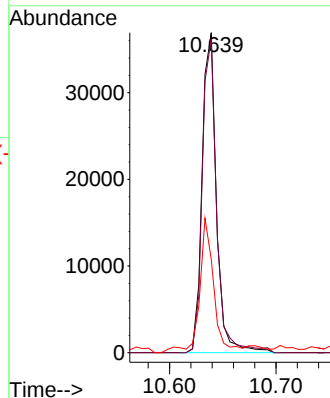
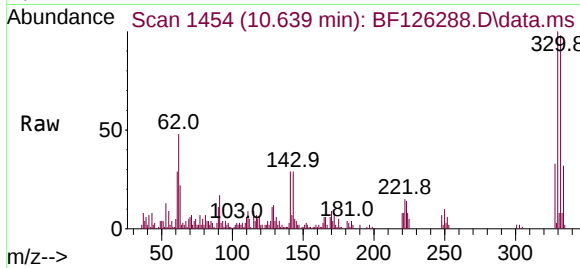
Tgt Ion:330 Resp: 34571

Ion Ratio Lower Upper

330 100

332 98.3 76.2 114.4

141 41.8 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 19.621 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126288.D

Acq: 20 Dec 2021 20:20

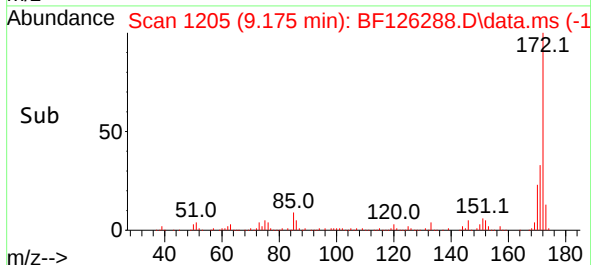
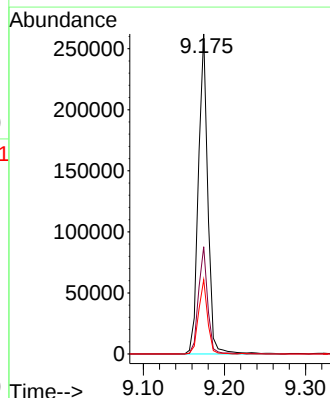
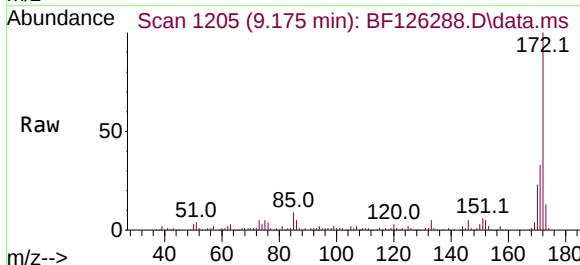
Tgt Ion:172 Resp: 211888

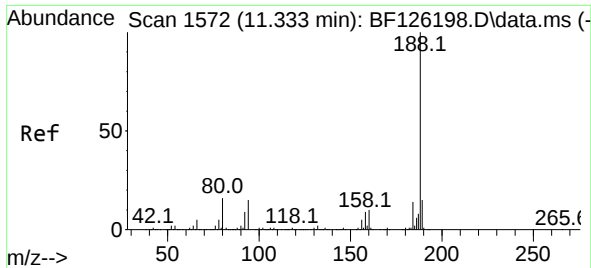
Ion Ratio Lower Upper

172 100

171 33.5 26.5 39.7

170 23.2 18.8 28.2

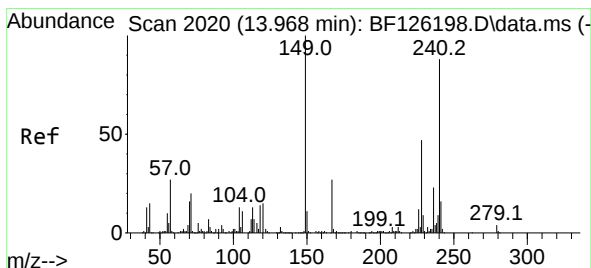
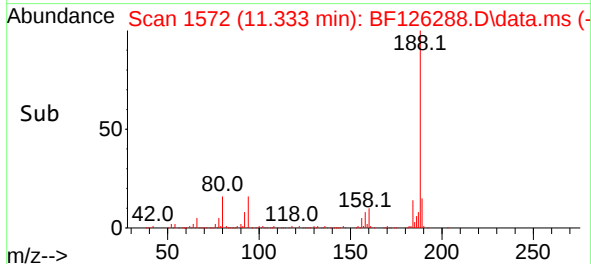
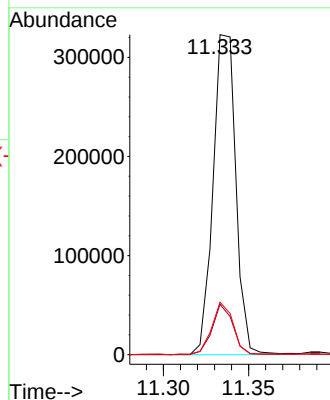
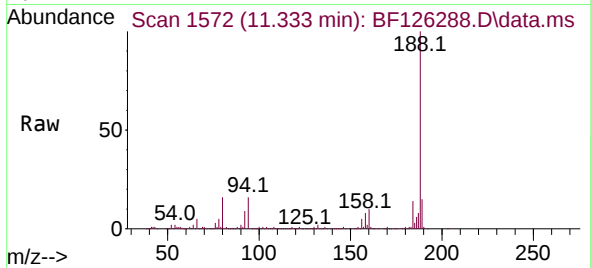




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

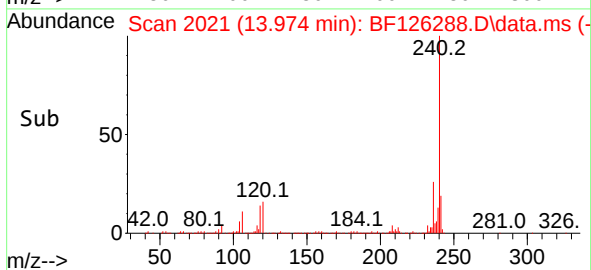
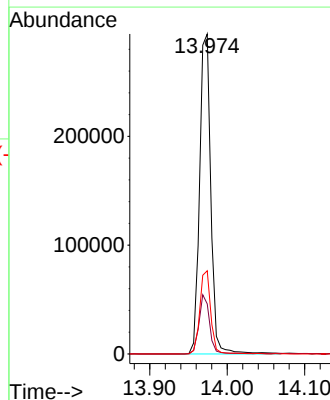
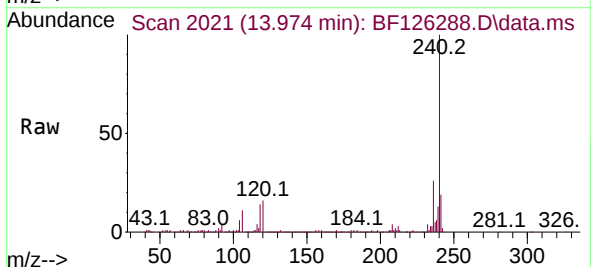
Instrument :
BNA_F
ClientSampleId :
MW-14DL

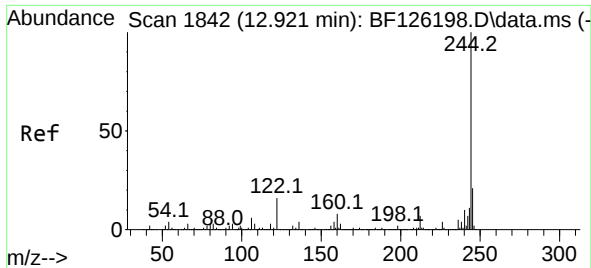
Tgt Ion:188 Resp: 300352
Ion Ratio Lower Upper
188 100
94 15.8 6.7 10.1#
80 16.4 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126288.D
Acq: 20 Dec 2021 20:20

Tgt Ion:240 Resp: 295520
Ion Ratio Lower Upper
240 100
120 15.7 10.8 16.2
236 26.0 21.6 32.4

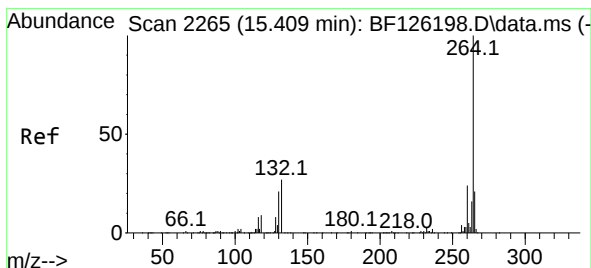
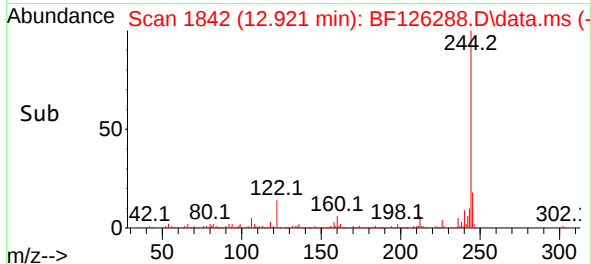
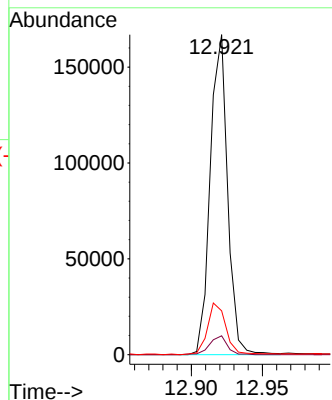
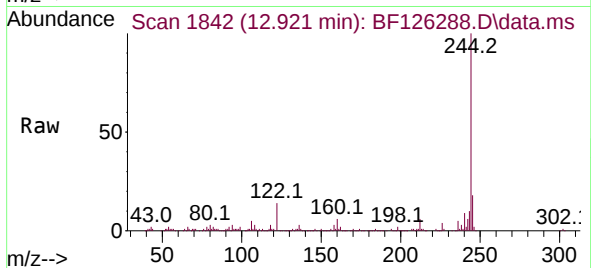




#79
 Terphenyl-d14
 Concen: 8.351 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126288.D
 Acq: 20 Dec 2021 20:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Tgt Ion:244 Resp: 141985
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.9 8.9#
 122 13.7 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126288.D
 Acq: 20 Dec 2021 20:20

Tgt Ion:264 Resp: 289079
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.0 17.2 25.8

