

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129187.D
 Acq On : 12 Jul 2022 14:01
 Operator : CG\JU
 Sample : N3662-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220495A-SIM/C1A-COMPOSITE

Quant Time: Jul 12 14:53:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

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

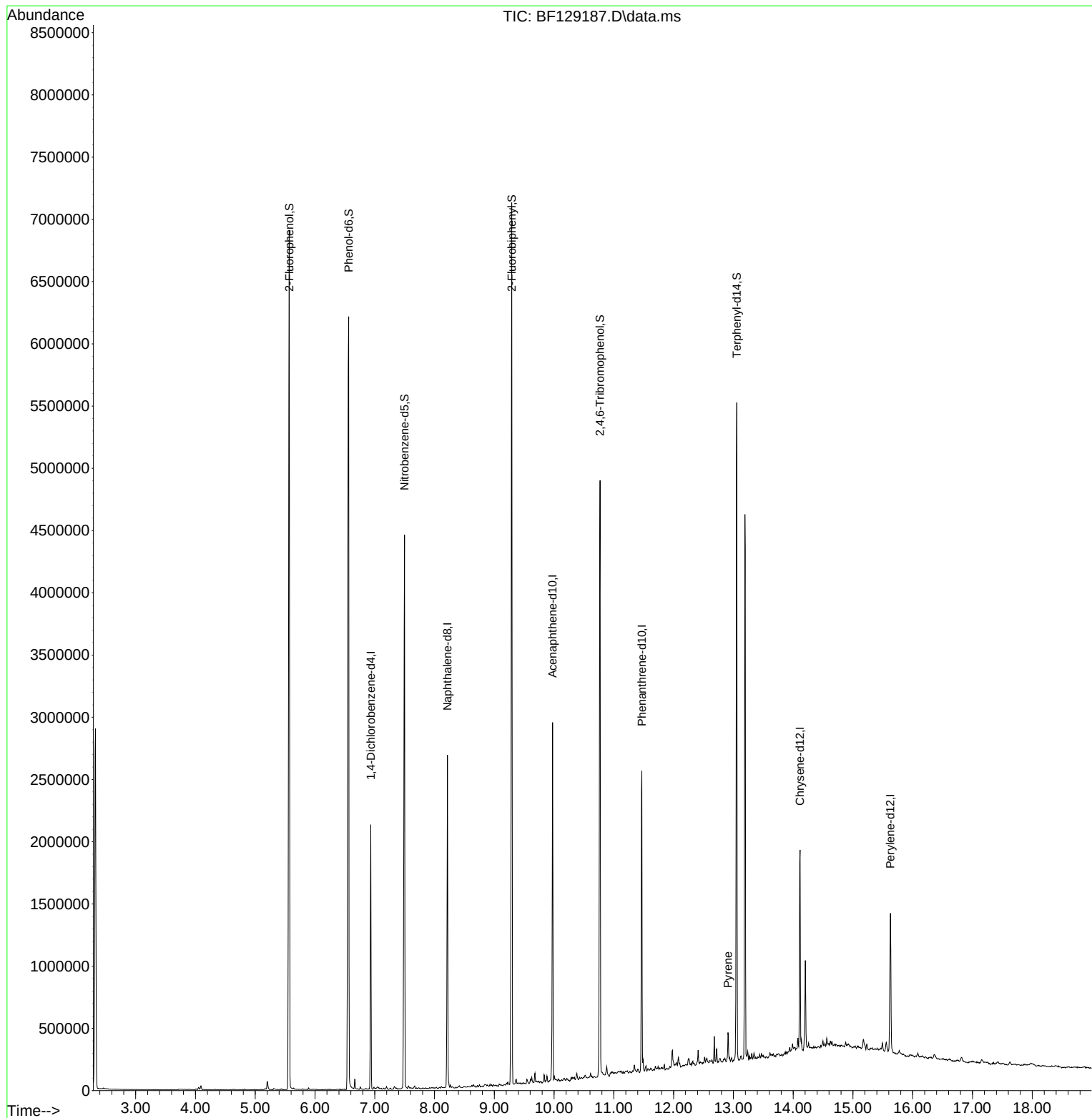
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	286459	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	1127932	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	543796	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	876774	20.000	ng	# 0.00
76) Chrysene-d12	14.116	240	540062	20.000	ng	0.00
86) Perylene-d12	15.627	264	490126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1946587	114.884	ng	0.00
7) Phenol-d6	6.563	99	2493058	118.470	ng	0.00
23) Nitrobenzene-d5	7.498	82	1586042	83.872	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	552999	93.523	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2229729	65.596	ng	0.00
79) Terphenyl-d14	13.057	244	1779421	68.422	ng	0.00
Target Compounds						
78) Pyrene	12.910	202	92106	2.460	ng	Qvalue 97

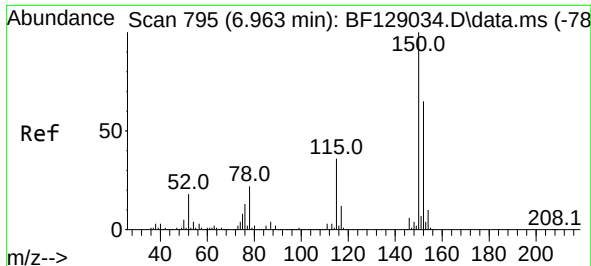
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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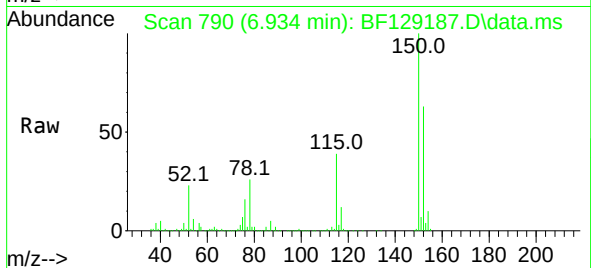
Quant Time: Jul 12 14:53:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
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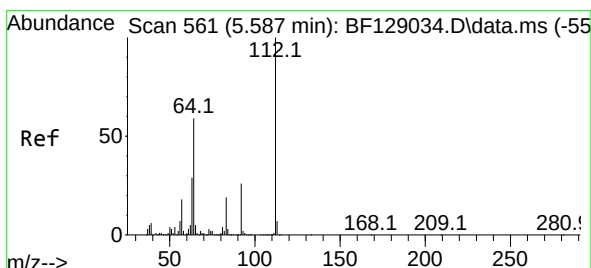
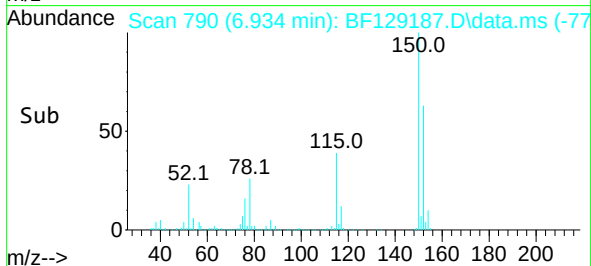
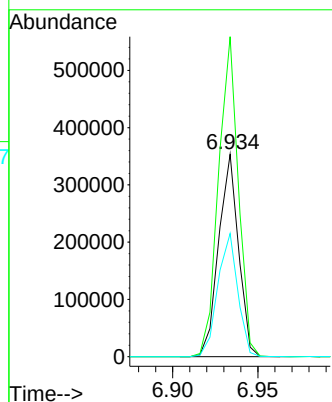


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Instrument :
BNA_F
ClientSampleId :
20220495A-SIM/C1A-COMPOSITE

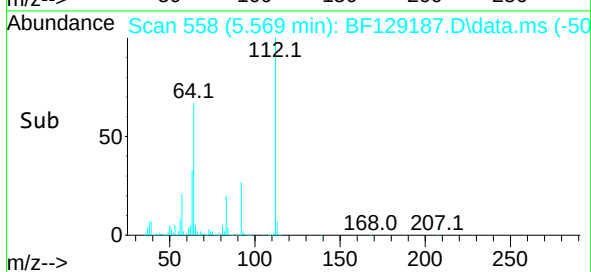
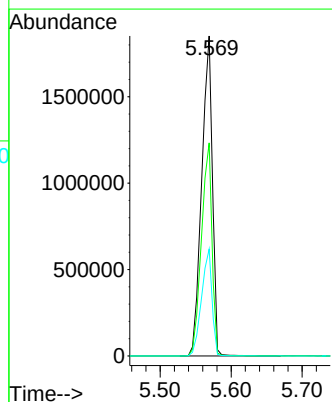
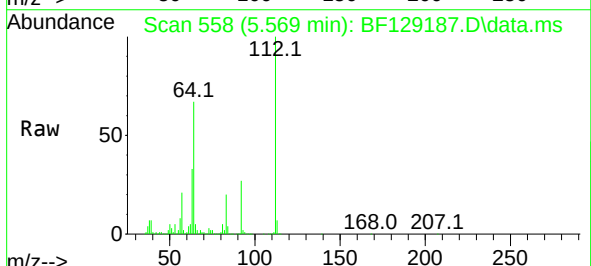


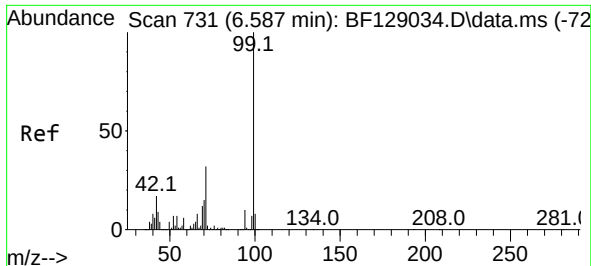
Tgt Ion:152 Resp: 286459
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 114.884 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Tgt Ion:112 Resp: 1946587
Ion Ratio Lower Upper
112 100
64 66.6 53.3 79.9
63 33.4 28.0 42.0

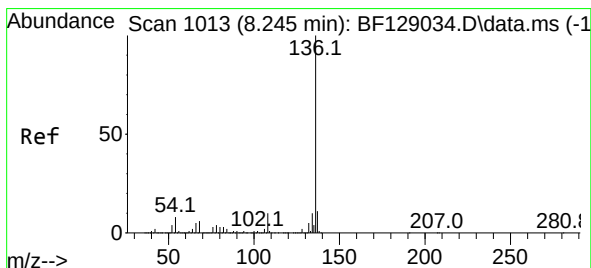
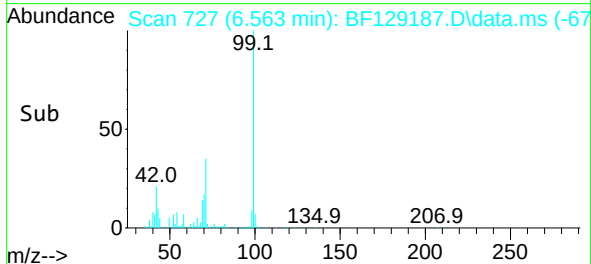
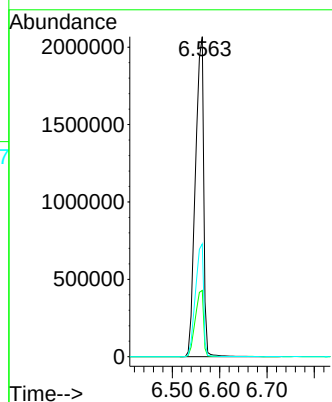
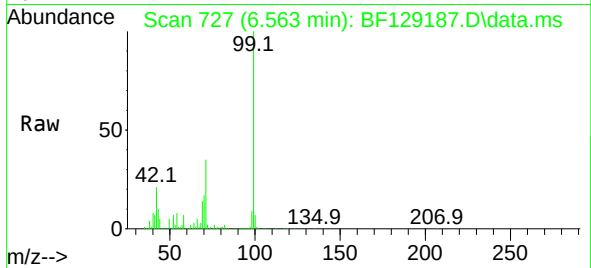




#7
Phenol-d6
Concen: 118.470 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

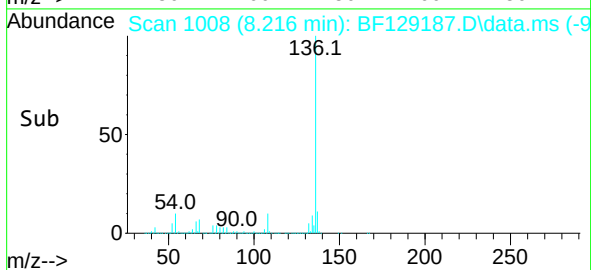
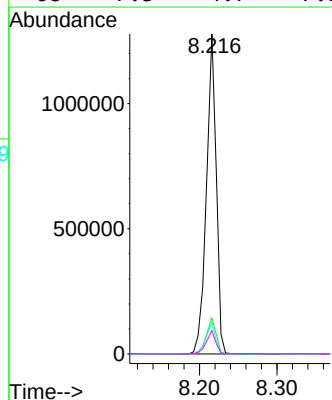
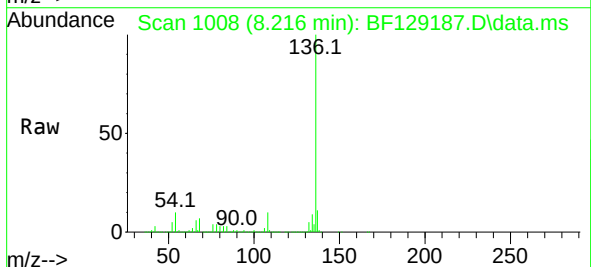
Instrument :
BNA_F
ClientSampleId :
20220495A-SIM/C1A-COMPOSITE

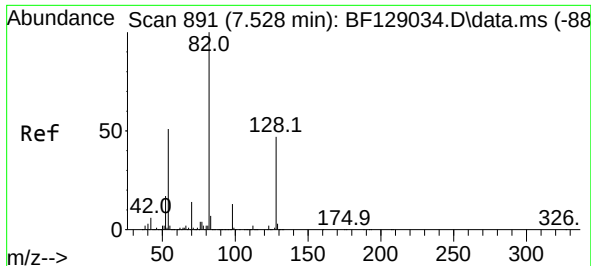
Tgt Ion: 99 Resp: 2493058
Ion Ratio Lower Upper
99 100
42 20.7 17.3 25.9
71 35.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Tgt Ion: 136 Resp: 1127932
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.7 7.5 11.3
68 7.3 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 83.872 ng

RT: 7.498 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129187.D

Acq: 12 Jul 2022 14:01

Instrument :

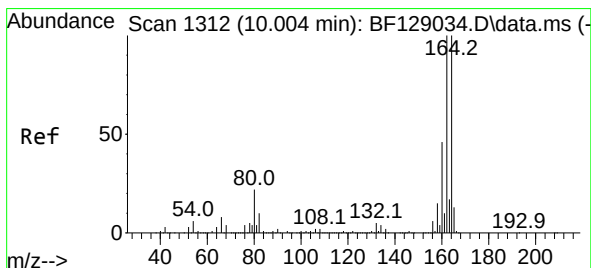
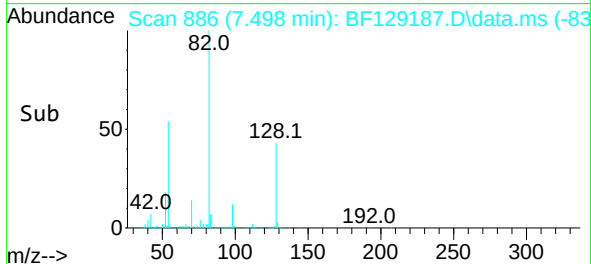
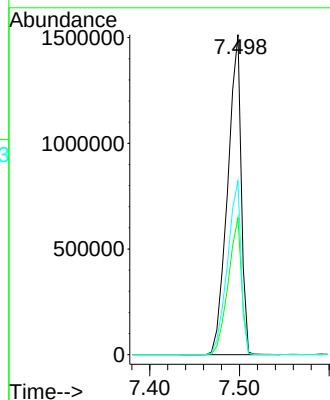
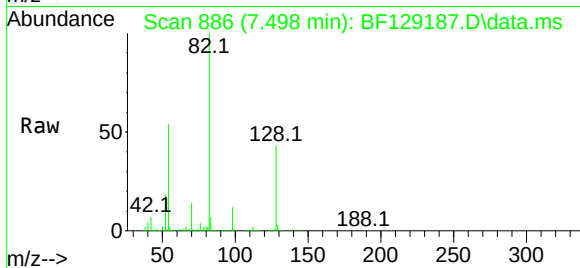
BNA_F

ClientSampleId :

20220495A-SIM/C1A-COMPOSITE

Tgt Ion: 82 Resp: 1586042

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	54.3	46.9	70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1307

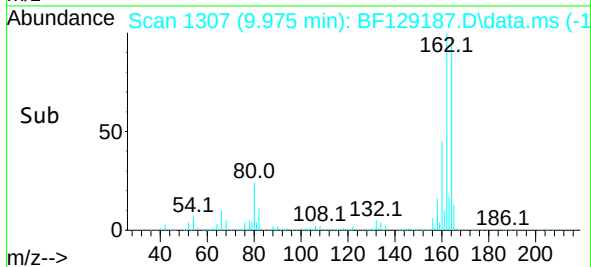
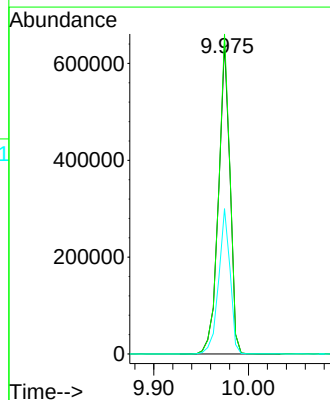
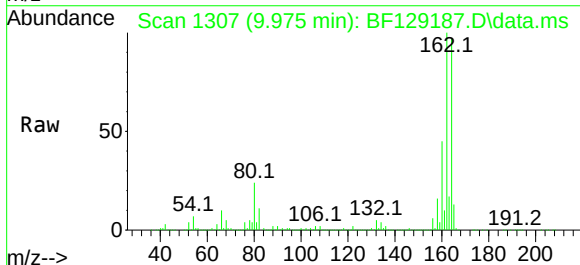
Delta R.T. -0.006 min

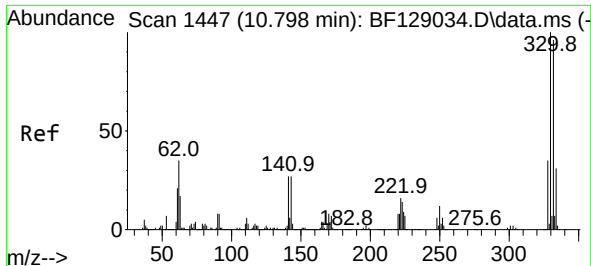
Lab File: BF129187.D

Acq: 12 Jul 2022 14:01

Tgt Ion: 164 Resp: 543796

Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.5	119.3
160	46.7	34.2	51.4

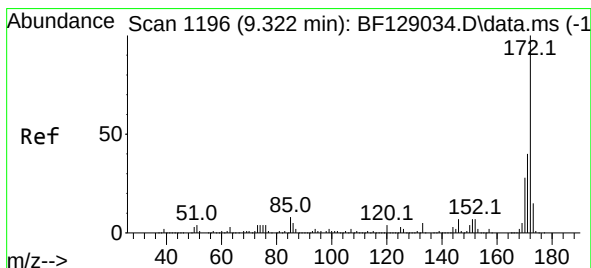
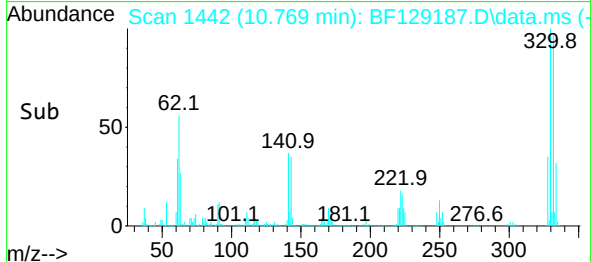
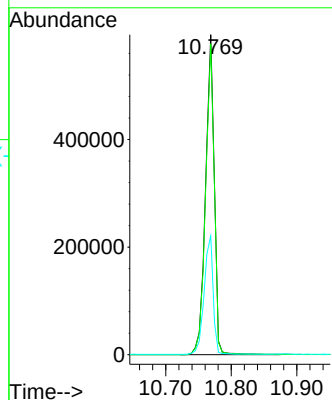
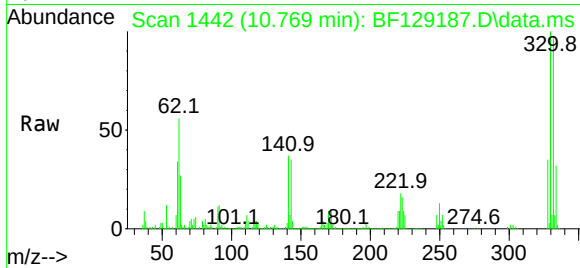




#42
2,4,6-Tribromophenol
Concen: 93.523 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

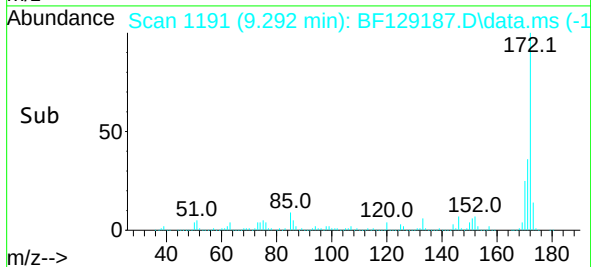
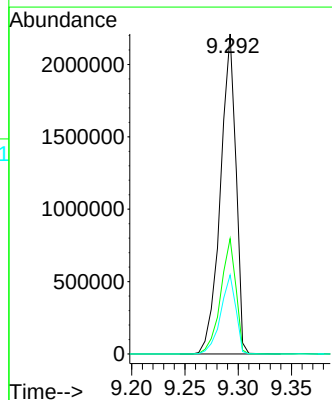
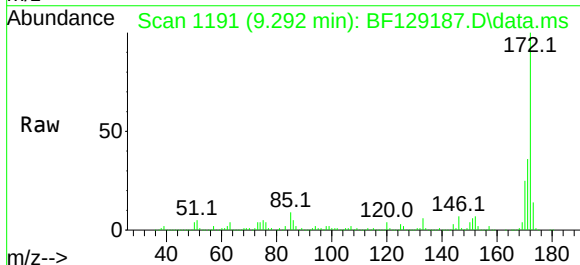
Instrument : BNA_F
ClientSampleId : 20220495A-SIM/C1A-COMPOSITE

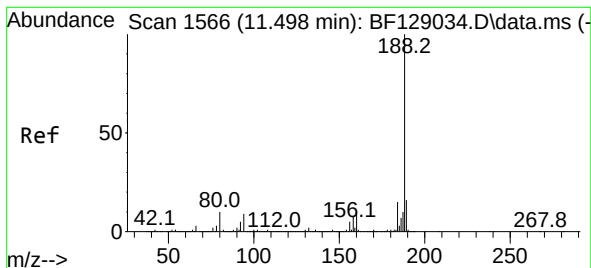
Tgt Ion:330 Resp: 552999
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 38.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 65.596 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF129187.D
Acq: 12 Jul 2022 14:01

Tgt Ion:172 Resp: 2229729
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.7 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129187.D

Acq: 12 Jul 2022 14:01

Instrument :

BNA_F

ClientSampleId :

20220495A-SIM/C1A-COMPOSITE

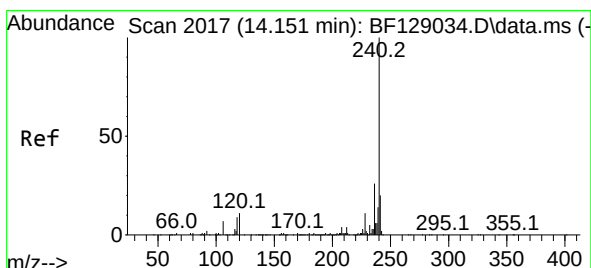
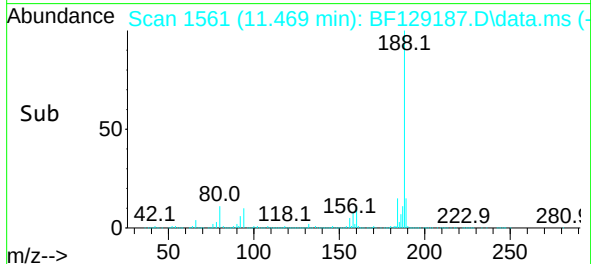
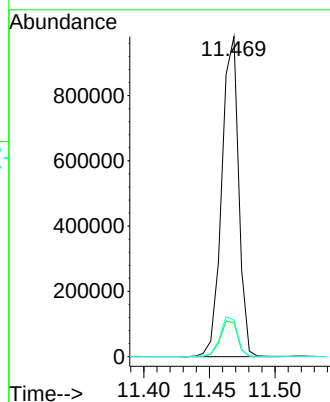
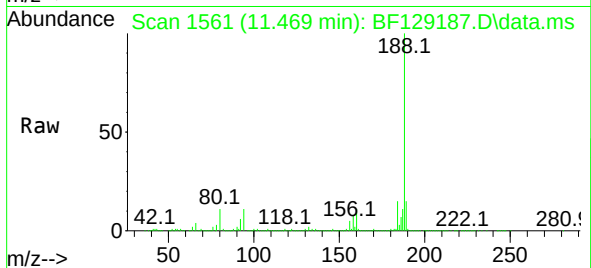
Tgt Ion:188 Resp: 876774

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 11.4 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF129187.D

Acq: 12 Jul 2022 14:01

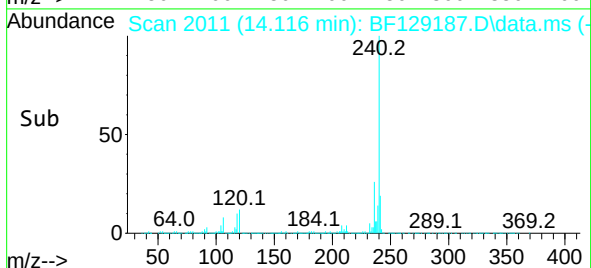
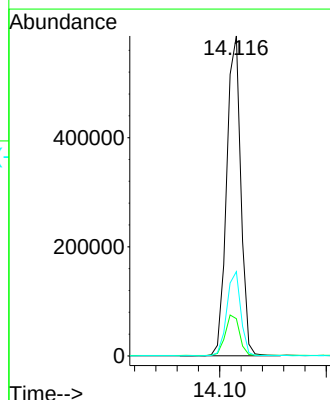
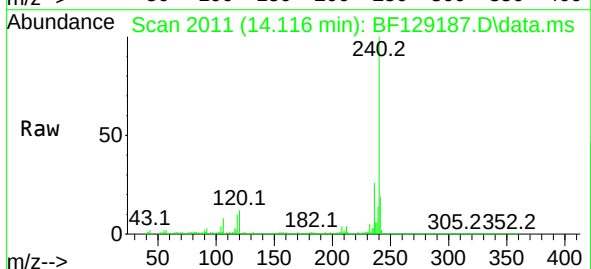
Tgt Ion:240 Resp: 540062

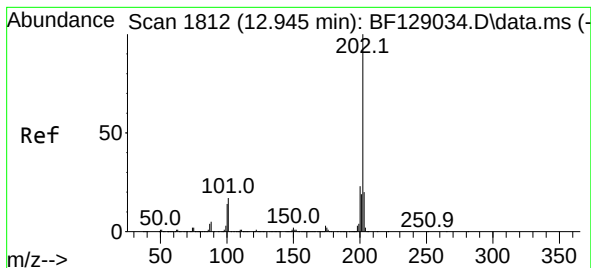
Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

236 26.3 20.8 31.2





#78

Pyrene

Concen: 2.460 ng

RT: 12.910 min Scan# 1806

Delta R.T. -0.012 min

Lab File: BF129187.D

Acq: 12 Jul 2022 14:01

Instrument :

BNA_F

ClientSampleId :

20220495A-SIM/C1A-COMPOSITE

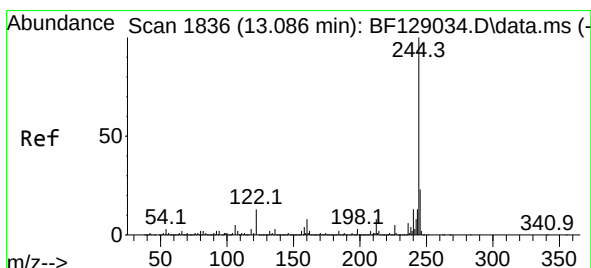
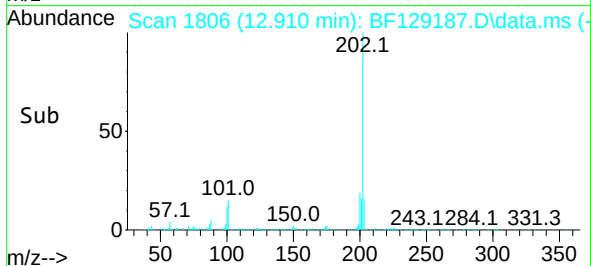
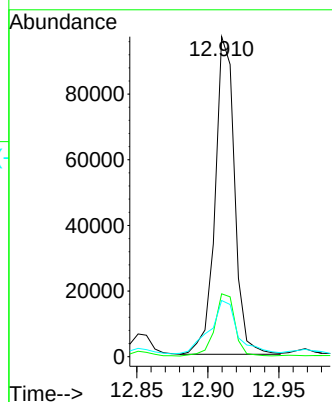
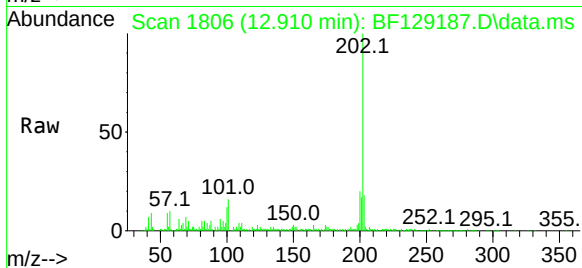
Tgt Ion:202 Resp: 92106

Ion Ratio Lower Upper

202 100

200 19.7 17.7 26.5

203 17.6 14.6 21.8



#79

Terphenyl-d14

Concen: 68.422 ng

RT: 13.057 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BF129187.D

Acq: 12 Jul 2022 14:01

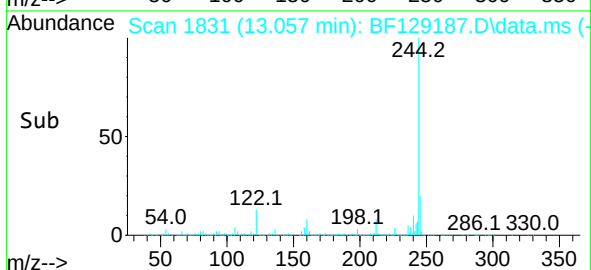
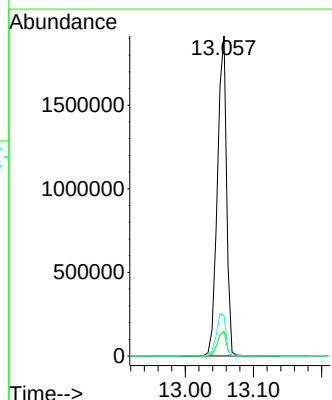
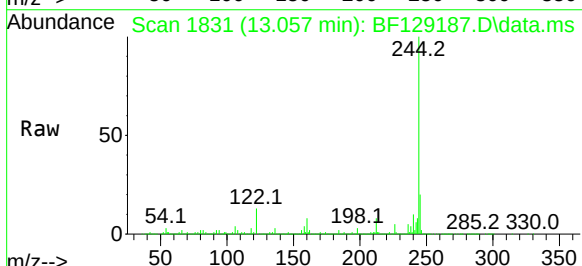
Tgt Ion:244 Resp: 1779421

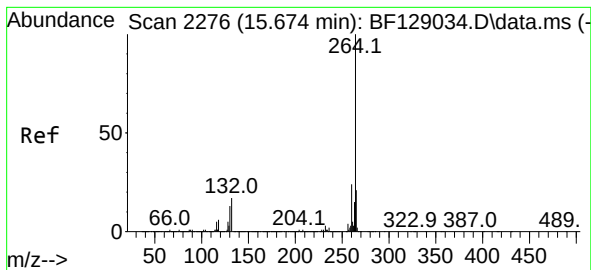
Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

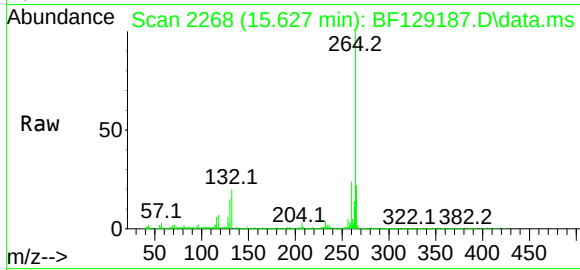
122 12.7 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129187.D
 Acq: 12 Jul 2022 14:01

Instrument :
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Tgt Ion:264 Resp: 490126
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.5 17.2 25.8

