

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127591.D
 Acq On : 30 Mar 2022 16:46
 Operator : CG\JU
 Sample : N2152-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-11-DEWATERING-EFFL-UNTREATED

Quant Time: Mar 31 04:09:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

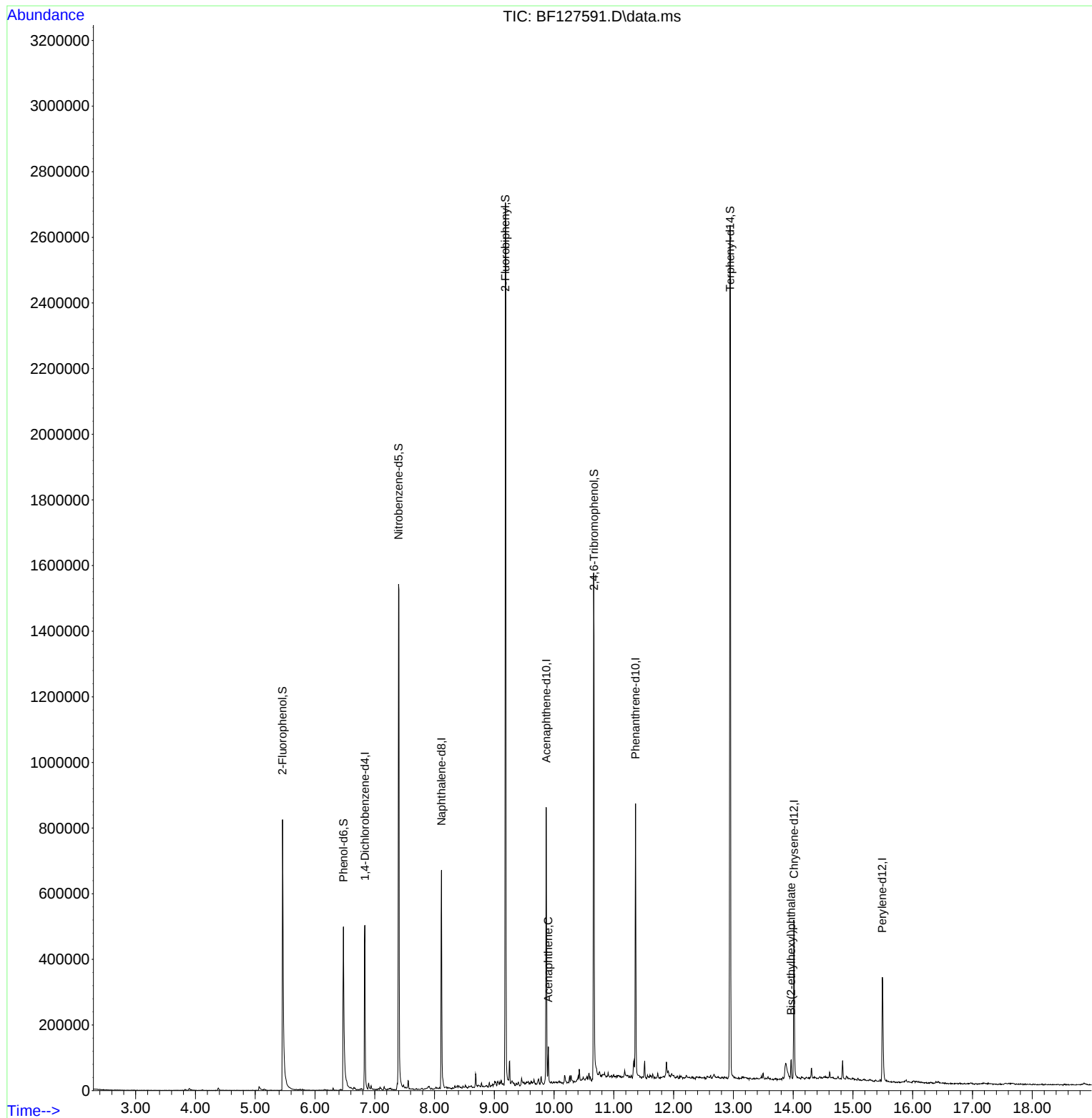
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	73473	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	275430	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	154380	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	275369	20.000	ng	0.00
76) Chrysene-d12	14.015	240	182530	20.000	ng	0.00
86) Perylene-d12	15.492	264	152269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	260401	56.573	ng	0.00
7) Phenol-d6	6.475	99	212586	33.788	ng	0.00
23) Nitrobenzene-d5	7.398	82	526046	81.640	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	184636	112.272	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	868648	82.163	ng	0.00
79) Terphenyl-d14	12.945	244	921819	82.673	ng	0.00
Target Compounds						
52) Acenaphthene	9.904	154	21808	2.693	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	13696	2.298	ng	# 92

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

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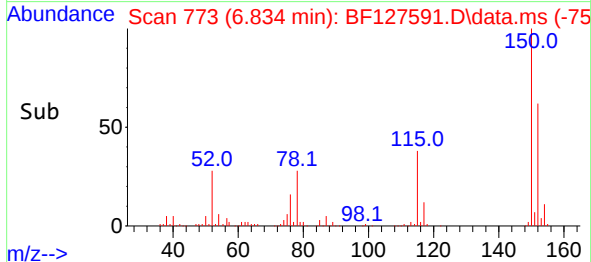
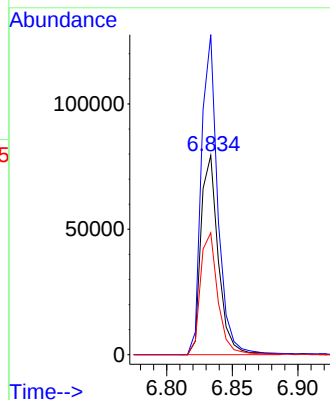
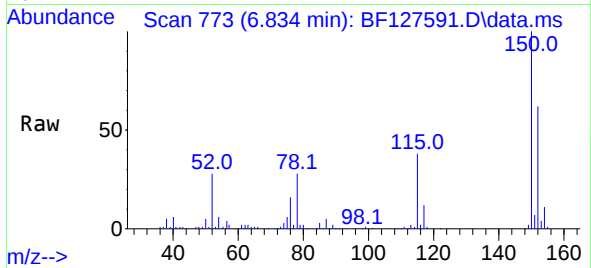




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

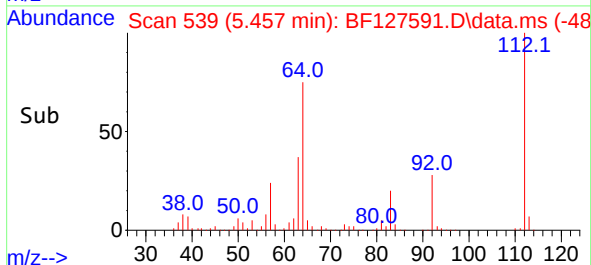
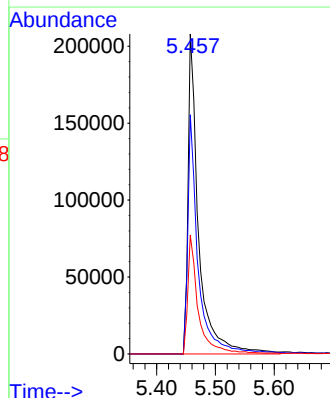
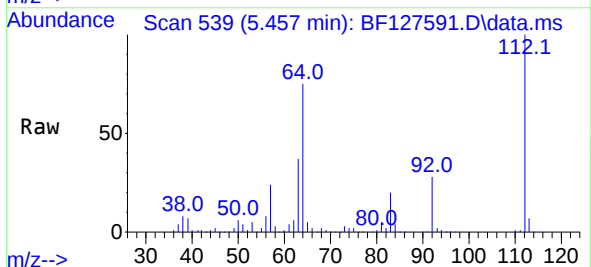
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-UNTREATED

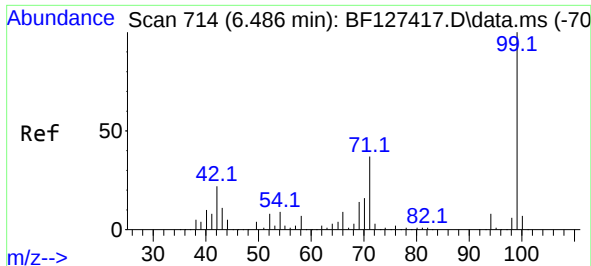
Tgt Ion:152 Resp: 73473
Ion Ratio Lower Upper
152 100
150 160.7 117.2 175.8
115 61.2 49.8 74.6



#5
2-Fluorophenol
Concen: 56.573 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

Tgt Ion:112 Resp: 260401
Ion Ratio Lower Upper
112 100
64 74.7 58.4 87.6
63 37.1 30.1 45.1

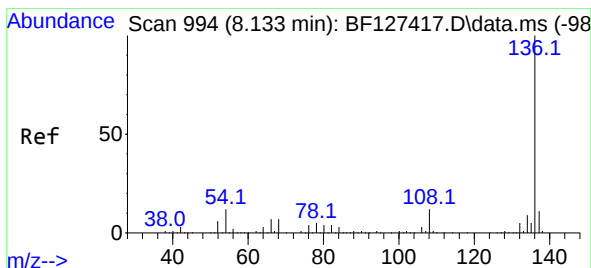
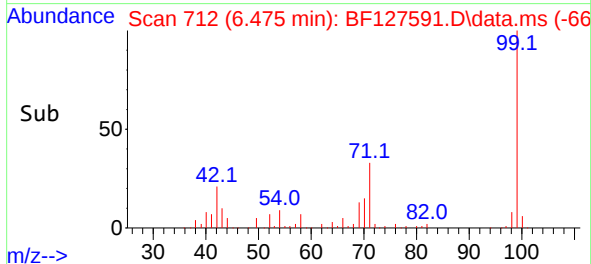
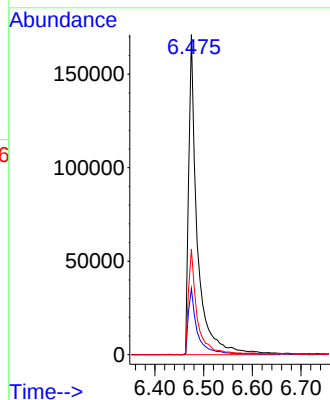
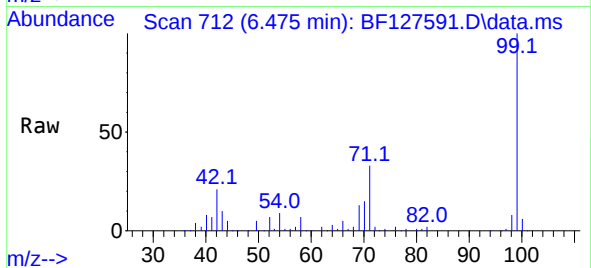




#7
Phenol-d6
Concen: 33.788 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

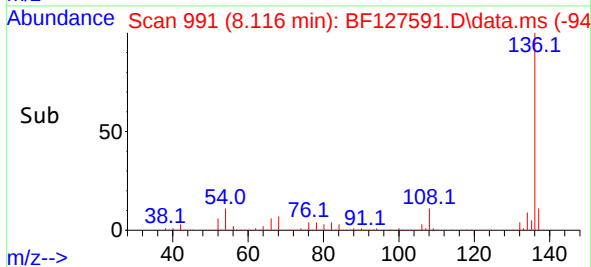
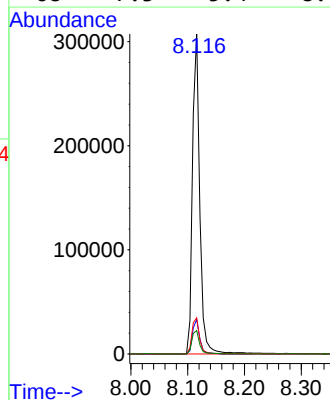
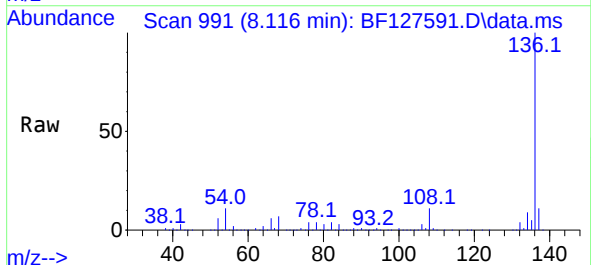
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-UNTREATED

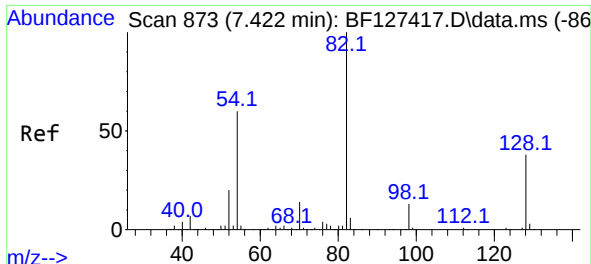
Tgt Ion: 99 Resp: 212586
Ion Ratio Lower Upper
99 100
42 20.6 17.8 26.6
71 32.9 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

Tgt Ion: 136 Resp: 275430
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.3 9.2 13.8
68 7.3 5.4 8.0

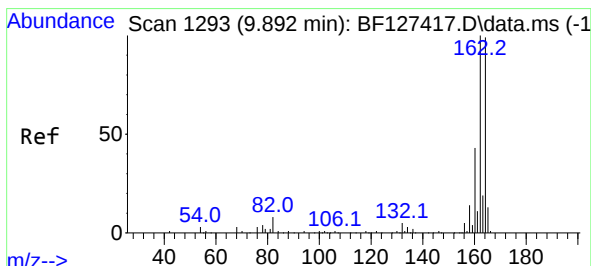
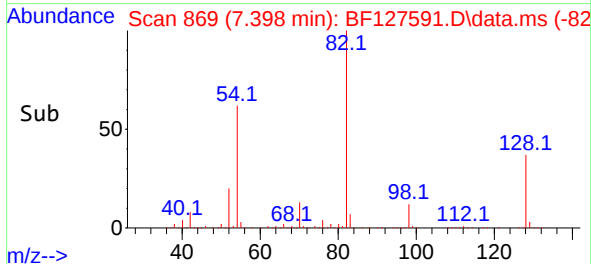
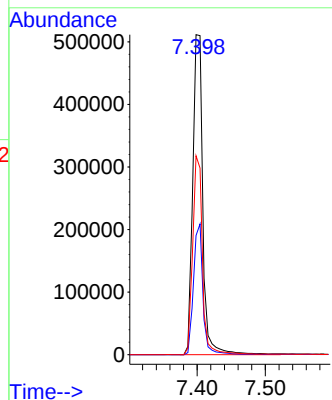
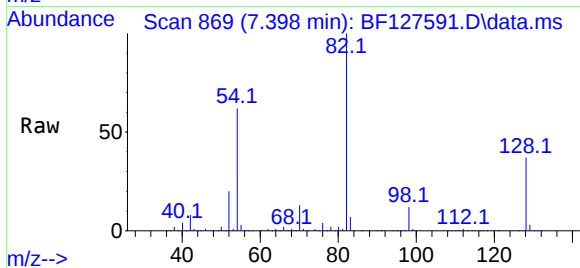




#23
Nitrobenzene-d5
Concen: 81.640 ng
RT: 7.398 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

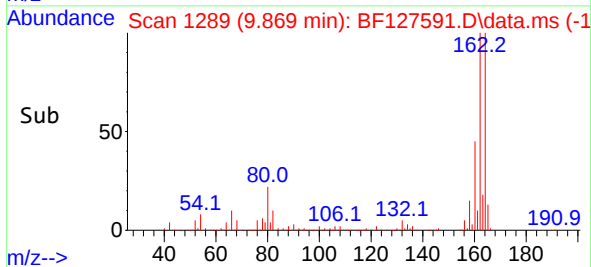
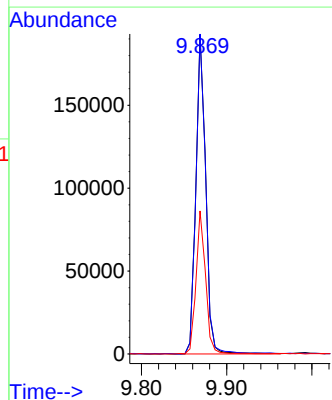
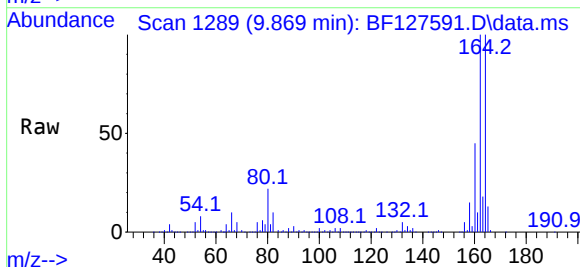
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-UNTREATED

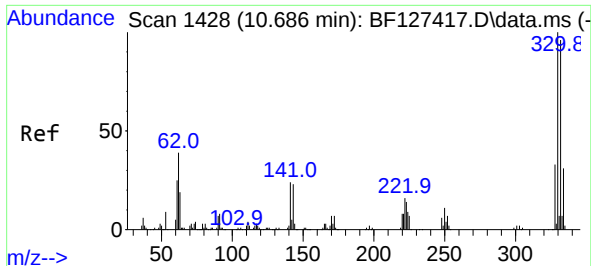
Tgt Ion: 82 Resp: 526046
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 62.1 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

Tgt Ion:164 Resp: 154380
Ion Ratio Lower Upper
164 100
162 100.2 81.2 121.8
160 44.8 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 112.272 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127591.D

Acq: 30 Mar 2022 16:46

Instrument :

BNA_F

ClientSampleId :

PIT-11-DEWATERING-EFFL-UNTREATED

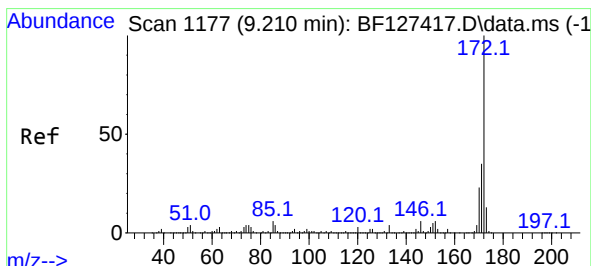
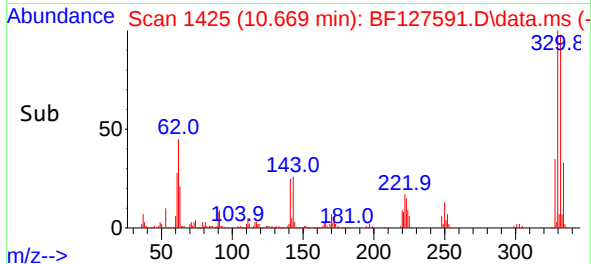
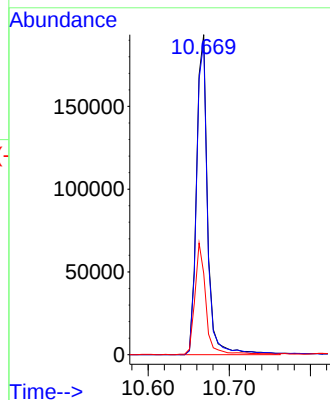
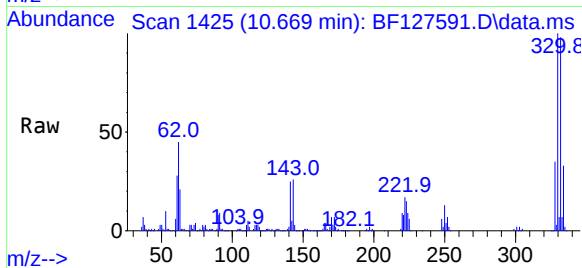
Tgt Ion:330 Resp: 184636

Ion Ratio Lower Upper

330 100

332 97.7 79.1 118.7

141 34.8 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 82.163 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF127591.D

Acq: 30 Mar 2022 16:46

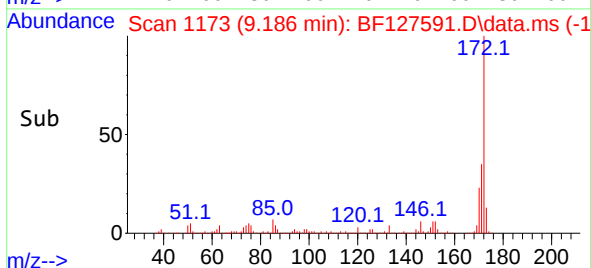
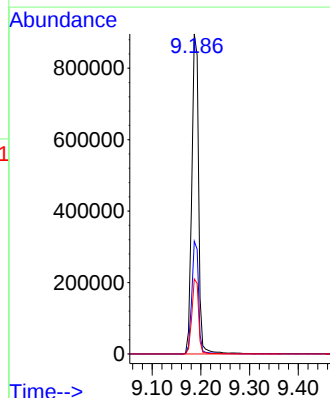
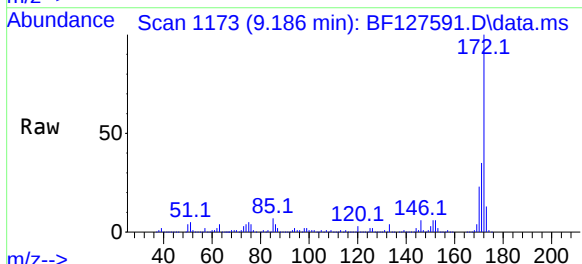
Tgt Ion:172 Resp: 868648

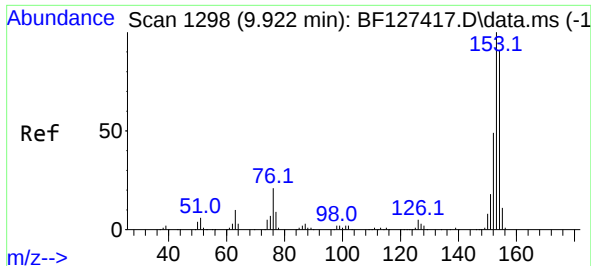
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 18.6 27.8

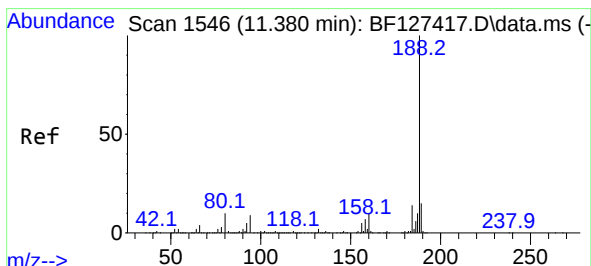
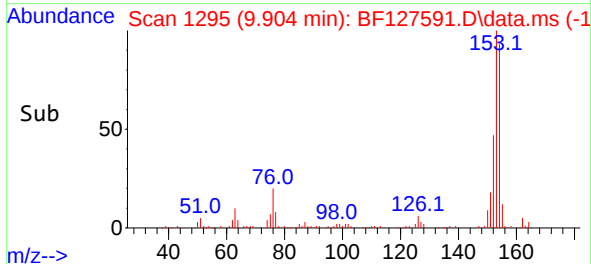
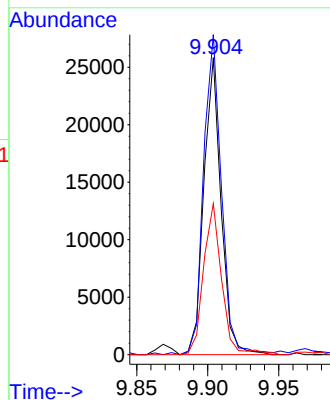
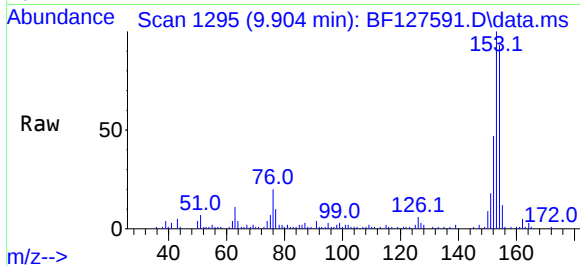




#52
Acenaphthene
Concen: 2.693 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

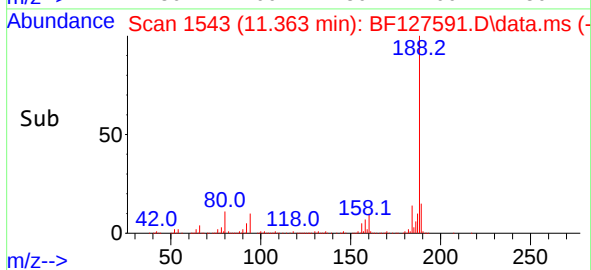
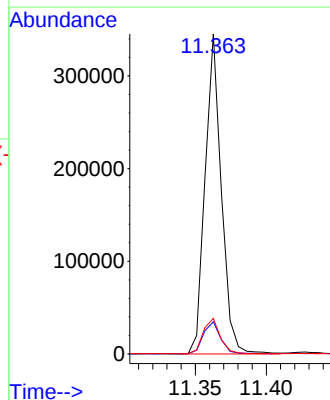
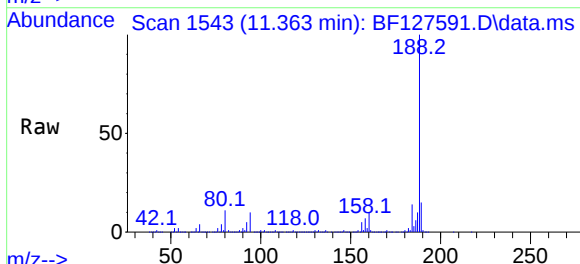
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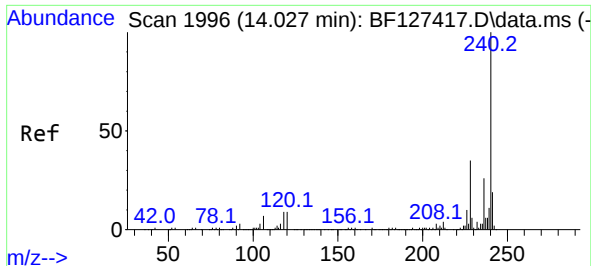
Tgt Ion:154 Resp: 21808
Ion Ratio Lower Upper
154 100
153 107.8 87.6 131.4
152 50.9 42.9 64.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

Tgt Ion:188 Resp: 275369
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 11.1 8.0 12.0

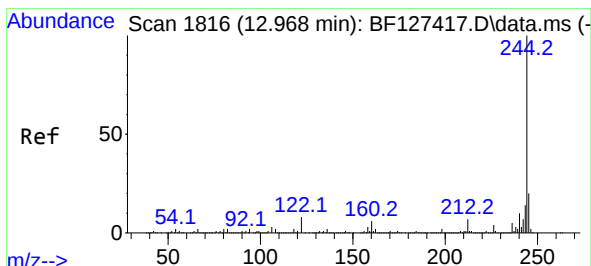
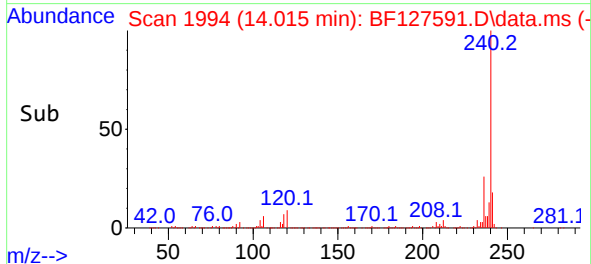
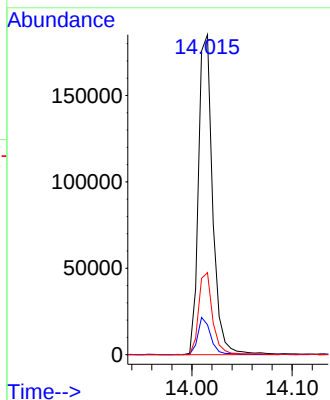
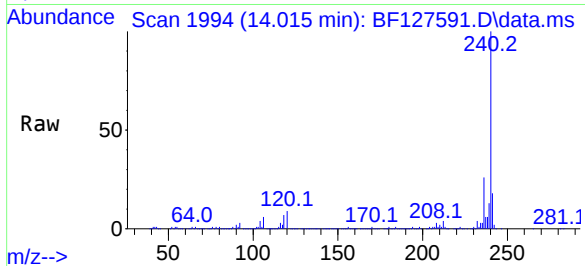




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

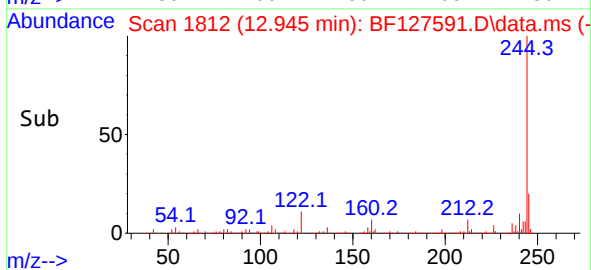
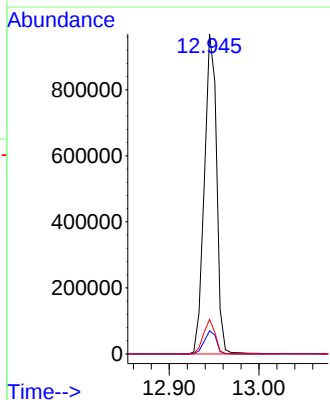
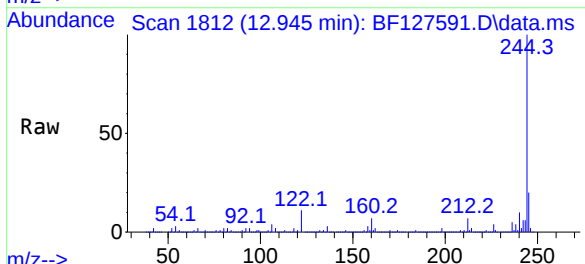
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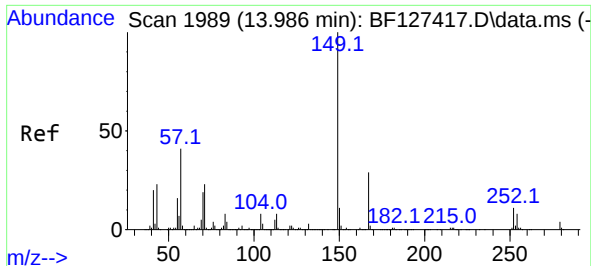
Tgt Ion:240 Resp: 182530
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 82.673 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

Tgt Ion:244 Resp: 921819
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.8 6.2 9.2#

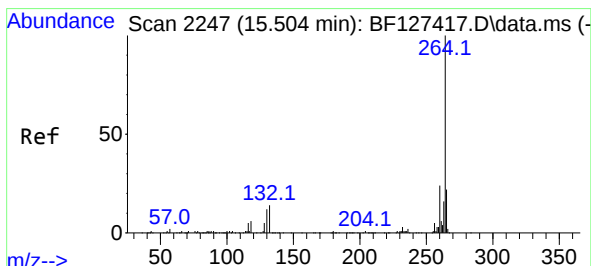
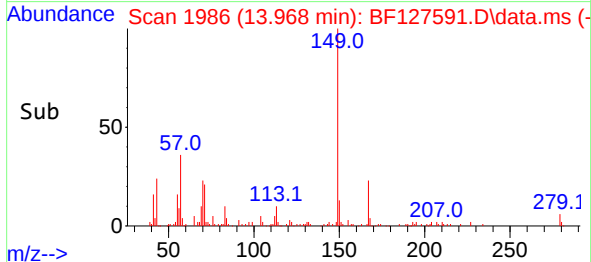
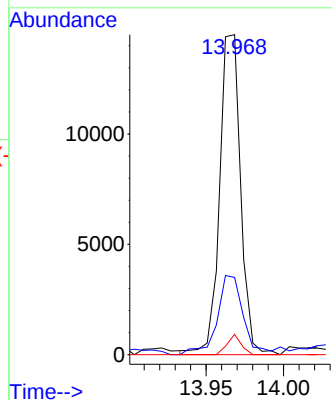
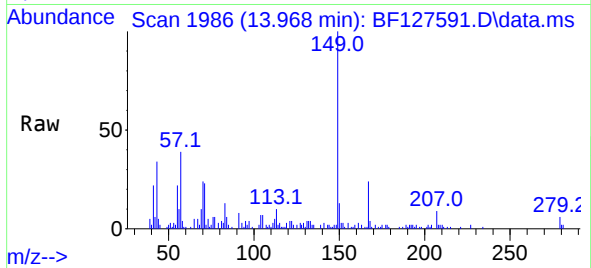




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.298 ng
RT: 13.968 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

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Tgt Ion:149 Resp: 13696
Ion Ratio Lower Upper
149 100
167 24.2 22.9 34.3
279 6.4 3.2 4.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

Tgt Ion:264 Resp: 152269
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 19.8 17.4 26.2

