

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127422.D
 Acq On : 21 Mar 2022 22:01
 Operator : CG\JU
 Sample : PB143470TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143470TB

Quant Time: Mar 22 02:27:02 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 22 02:16:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	92537	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	338450	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	202036	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	368951	20.000	ng	0.00
76) Chrysene-d12	14.021	240	282193	20.000	ng	0.00
86) Perylene-d12	15.504	264	188773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	541878	93.471	ng	0.01
7) Phenol-d6	6.481	99	741502	93.572	ng	0.00
23) Nitrobenzene-d5	7.416	82	524523	66.247	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	304078	141.287	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1131039	81.747	ng	0.00
79) Terphenyl-d14	12.968	244	1535700	89.087	ng	0.00

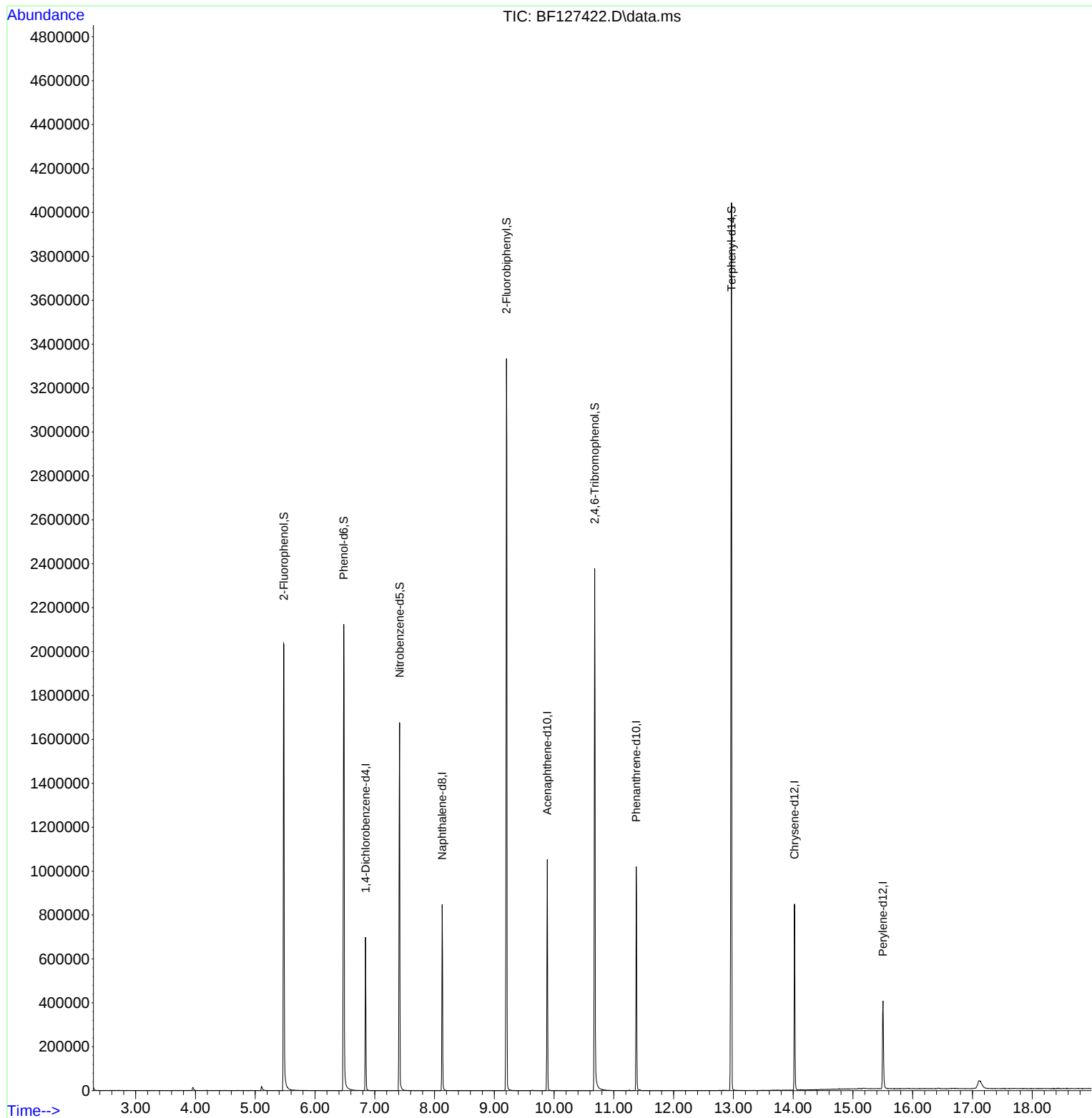
Target Compounds	Qvalue

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

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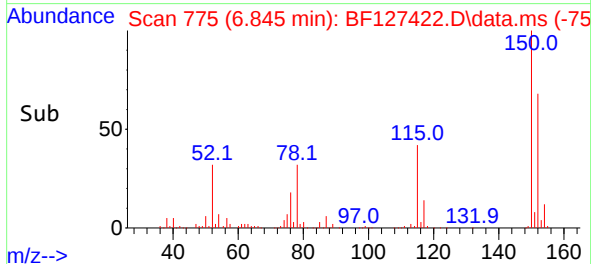
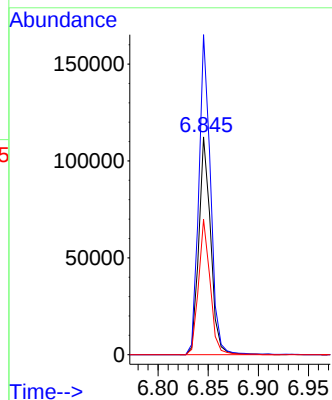
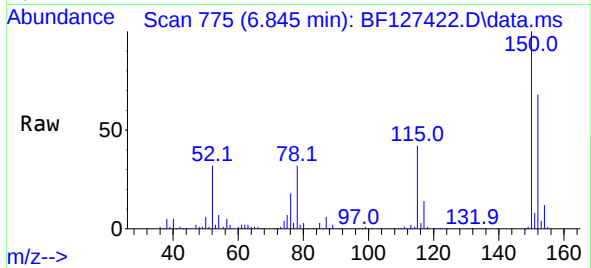




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127422.D
Acq: 21 Mar 2022 22:01

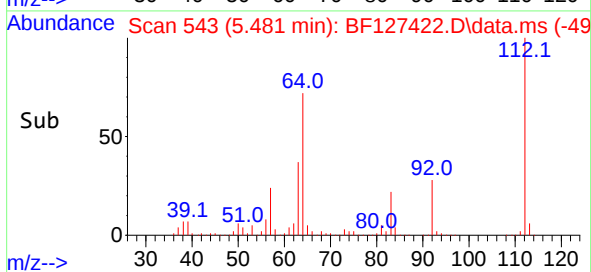
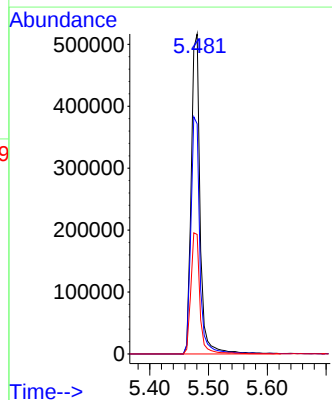
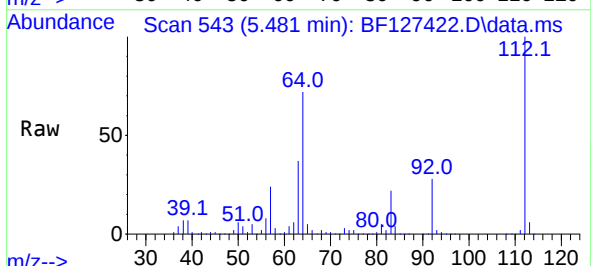
Instrument :
BNA_F
ClientSampleId :
PB143470TB

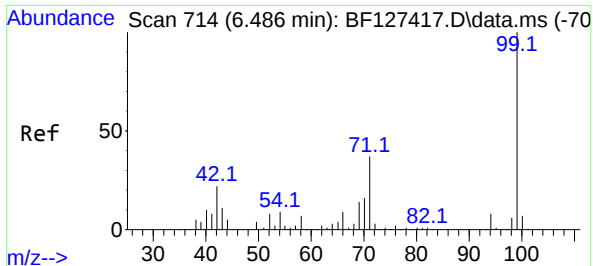
Tgt Ion:152 Resp: 92537
Ion Ratio Lower Upper
152 100
150 147.0 117.2 175.8
115 62.1 49.8 74.6



#5
2-Fluorophenol
Concen: 93.471 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF127422.D
Acq: 21 Mar 2022 22:01

Tgt Ion:112 Resp: 541878
Ion Ratio Lower Upper
112 100
64 71.9 58.4 87.6
63 37.3 30.1 45.1

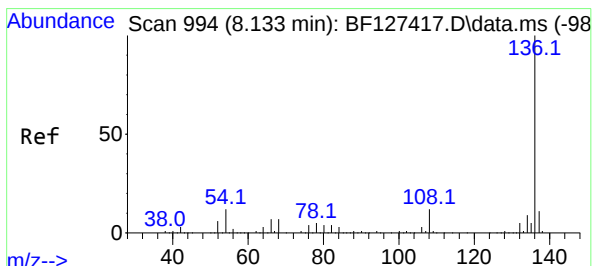
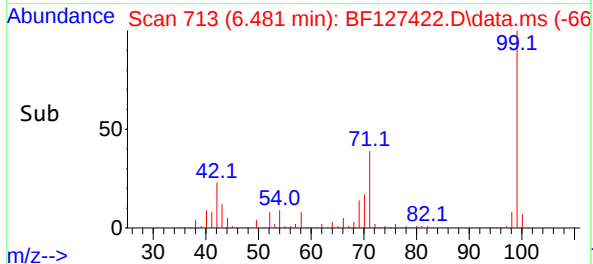
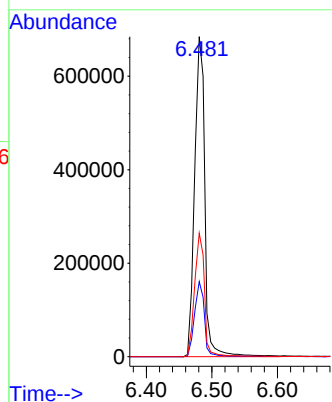
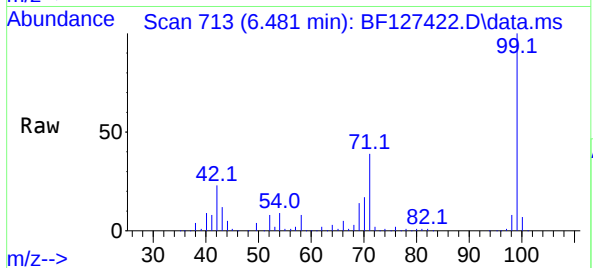




#7
Phenol-d6
Concen: 93.572 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127422.D
Acq: 21 Mar 2022 22:01

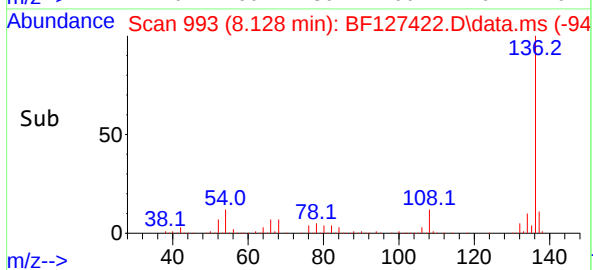
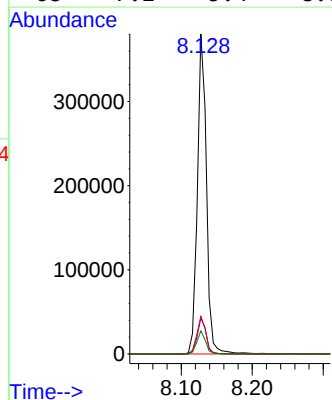
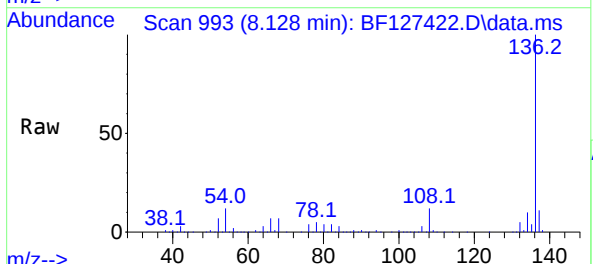
Instrument :
BNA_F
ClientSampleId :
PB143470TB

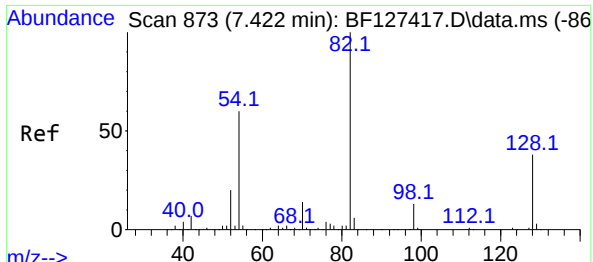
Tgt Ion: 99 Resp: 741502
Ion Ratio Lower Upper
99 100
42 23.5 17.8 26.6
71 38.6 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127422.D
Acq: 21 Mar 2022 22:01

Tgt Ion: 136 Resp: 338450
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 11.7 9.2 13.8
68 7.2 5.4 8.0

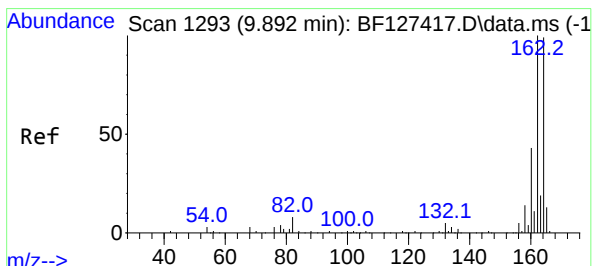
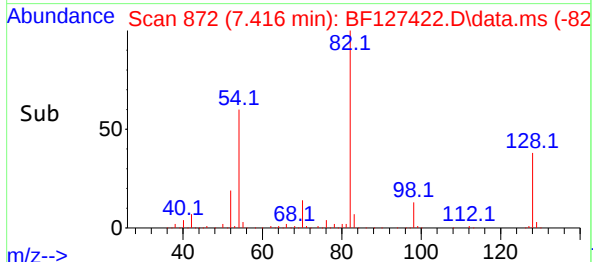
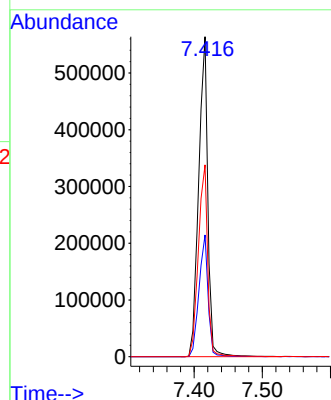
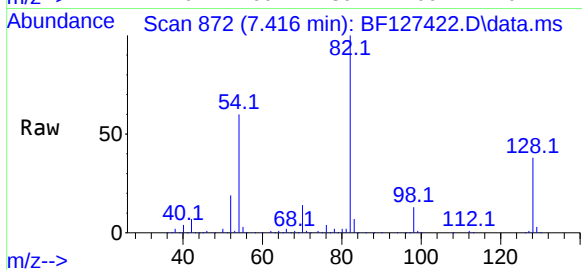




#23
Nitrobenzene-d5
Concen: 66.247 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127422.D
Acq: 21 Mar 2022 22:01

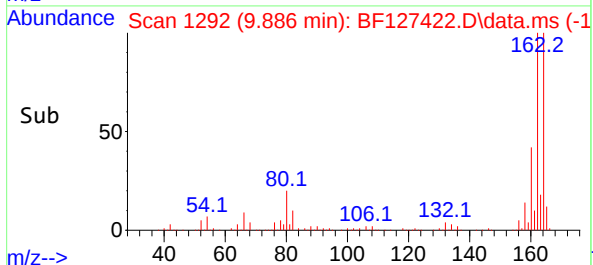
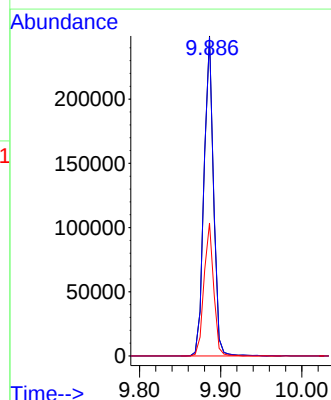
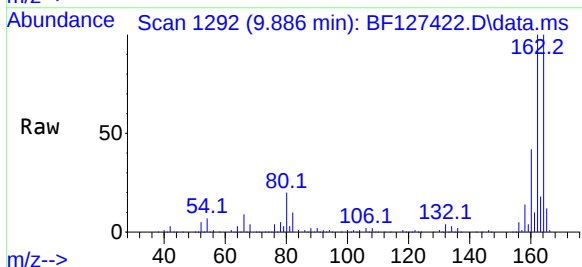
Instrument :
BNA_F
ClientSampleId :
PB143470TB

Tgt Ion: 82 Resp: 524523
Ion Ratio Lower Upper
82 100
128 38.1 30.6 45.8
54 59.9 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127422.D
Acq: 21 Mar 2022 22:01

Tgt Ion:164 Resp: 202036
Ion Ratio Lower Upper
164 100
162 99.6 81.2 121.8
160 41.6 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 141.287 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127422.D

Acq: 21 Mar 2022 22:01

Instrument :

BNA_F

ClientSampleId :

PB143470TB

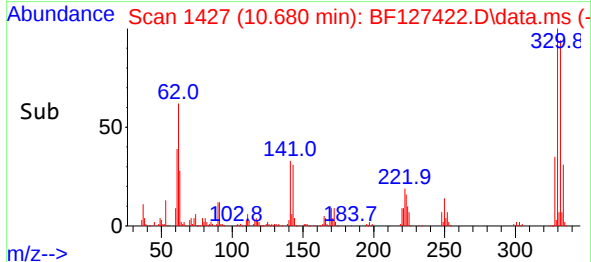
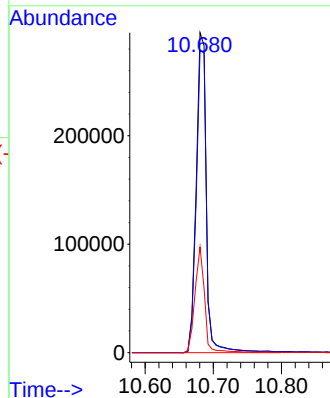
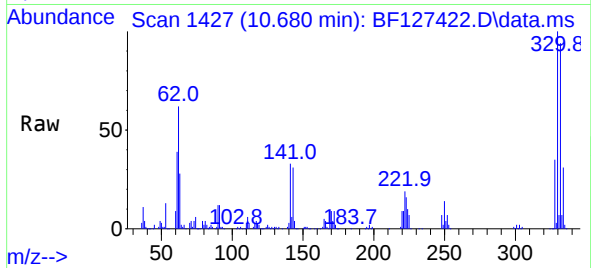
Tgt Ion:330 Resp: 304078

Ion Ratio Lower Upper

330 100

332 96.3 79.1 118.7

141 31.3 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 81.747 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127422.D

Acq: 21 Mar 2022 22:01

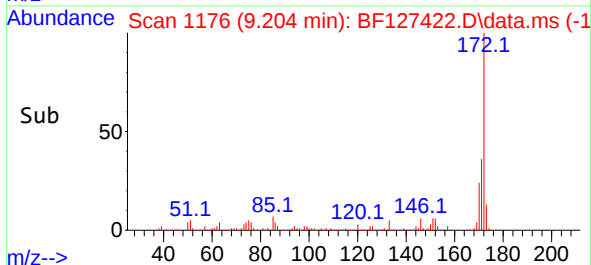
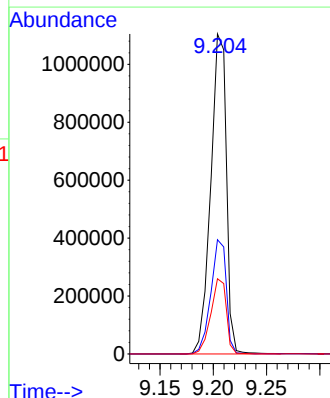
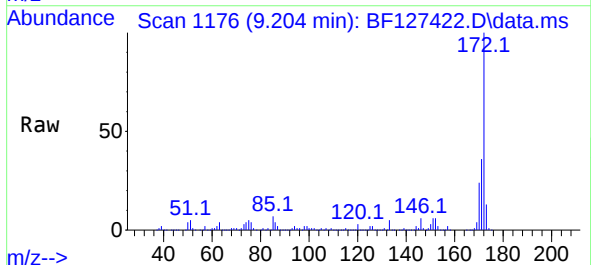
Tgt Ion:172 Resp: 1131039

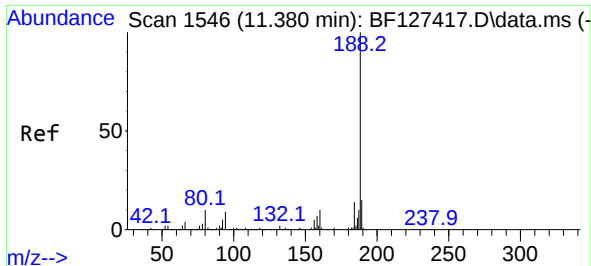
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.5 18.6 27.8

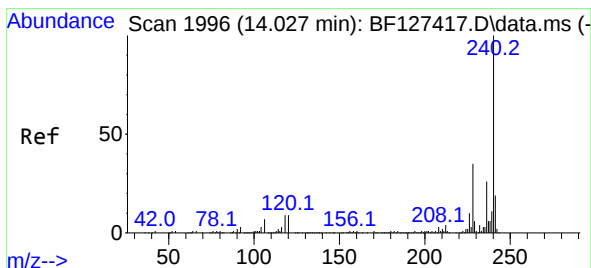
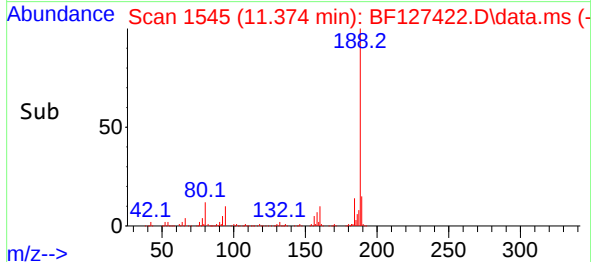
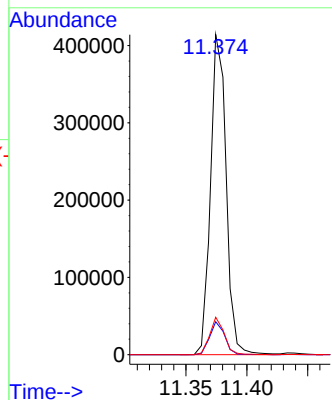
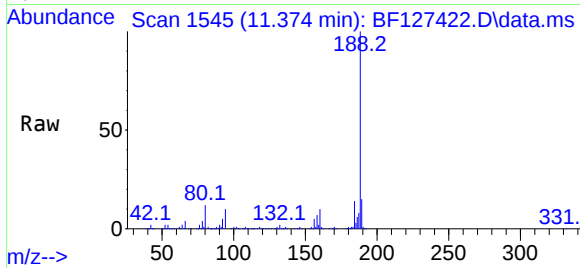




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127422.D
Acq: 21 Mar 2022 22:01

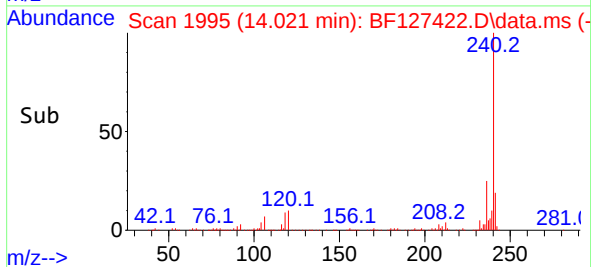
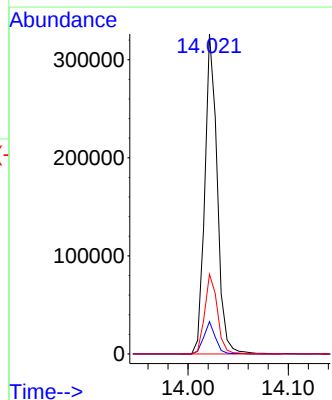
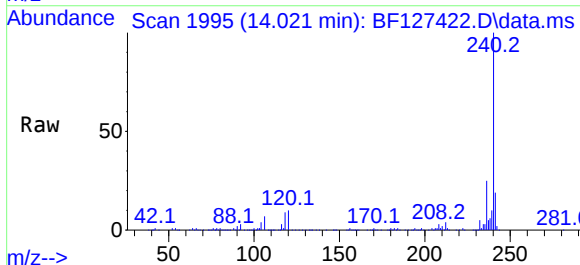
Instrument :
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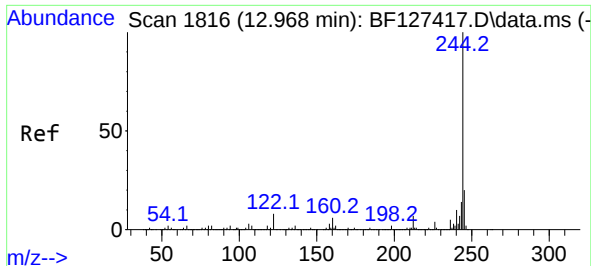
Tgt Ion:188 Resp: 368951
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127422.D
Acq: 21 Mar 2022 22:01

Tgt Ion:240 Resp: 282193
Ion Ratio Lower Upper
240 100
120 10.1 7.1 10.7
236 24.9 20.7 31.1



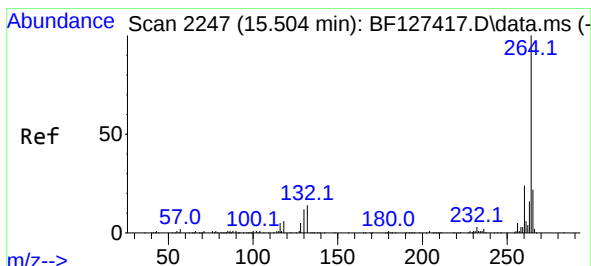
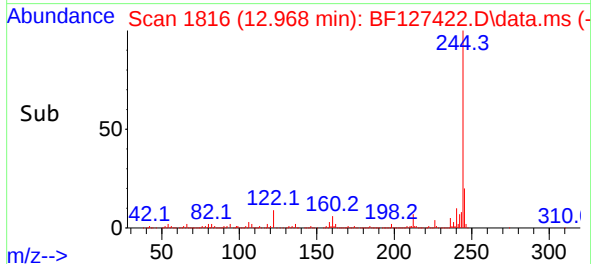
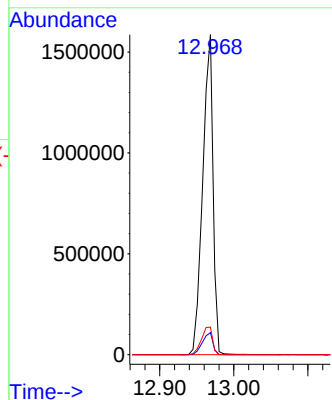
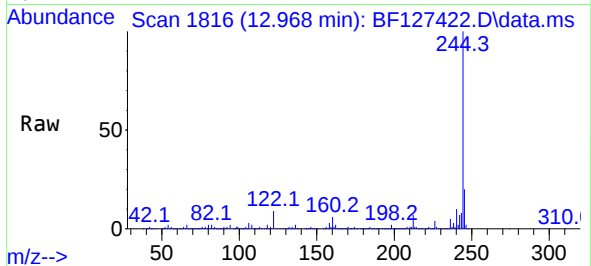


#79
 Terphenyl-d14
 Concen: 89.087 ng
 RT: 12.968 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BF127422.D
 Acq: 21 Mar 2022 22:01

Instrument :
 BNA_F
 ClientSampleId :
 PB143470TB

Tgt Ion:244 Resp: 1535700

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	8.6	6.2	9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127422.D
 Acq: 21 Mar 2022 22:01

Tgt Ion:264 Resp: 188773

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	20.8	17.4	26.2

