

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127923.D
 Acq On : 26 Apr 2022 20:12
 Operator : CG\JU
 Sample : N2479-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E14ST-EB4-041922-0-5MS

Quant Time: Apr 27 01:48:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	144061	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	575704	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	332899	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	581469	20.000	ng	0.00
76) Chrysene-d12	14.121	240	298178	20.000	ng	0.00
86) Perylene-d12	15.639	264	301054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1071335	118.450	ng	0.01
7) Phenol-d6	6.569	99	1424826	121.407	ng	0.00
23) Nitrobenzene-d5	7.504	82	1056220	86.273	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	415496	123.985	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1725642	87.695	ng	0.00
79) Terphenyl-d14	13.068	244	1656021	101.555	ng	0.00

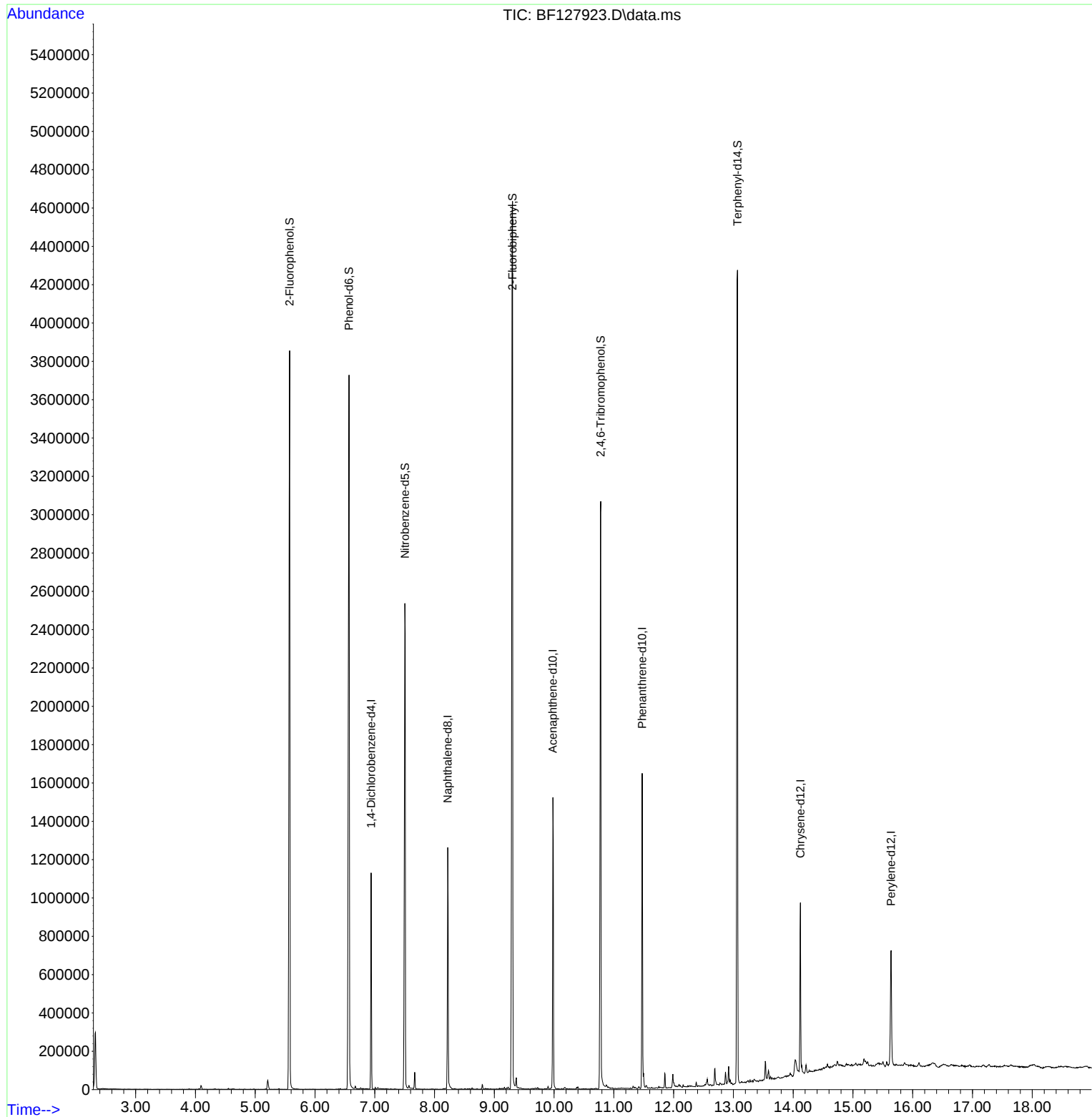
Target Compounds	Qvalue

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

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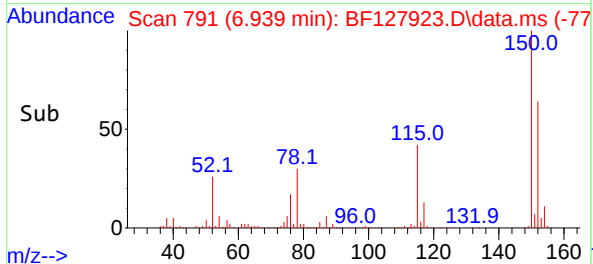
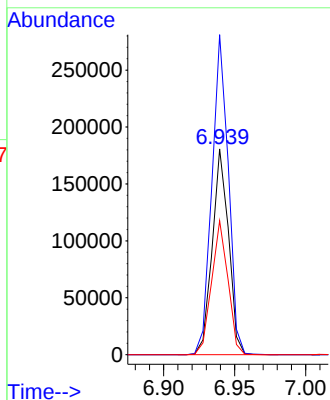
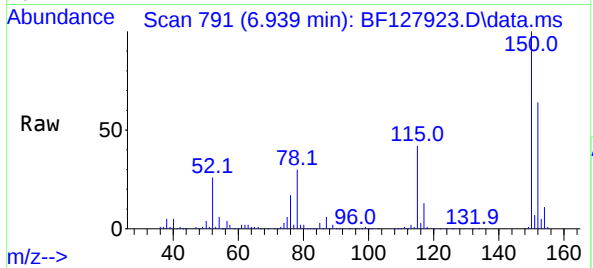




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

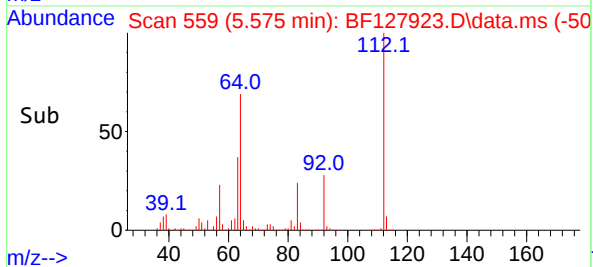
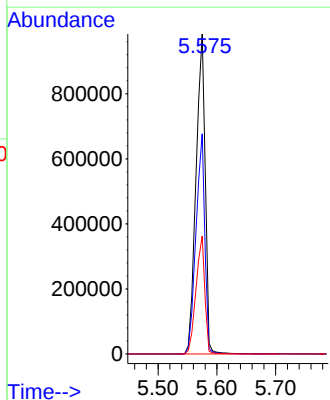
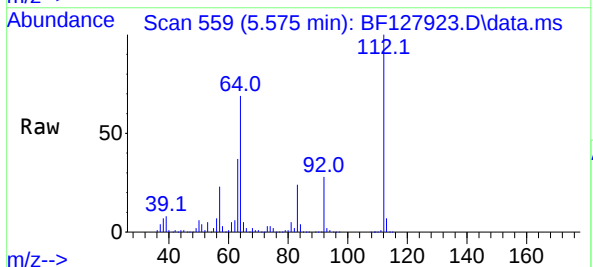
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5MS

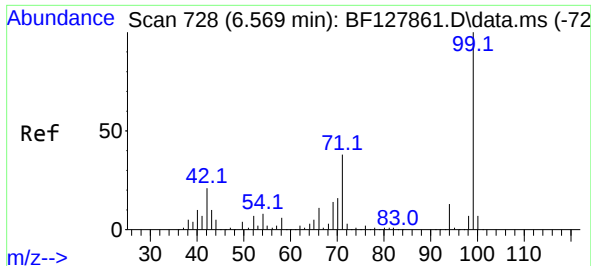
Tgt Ion:152 Resp: 144061
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 65.1 48.8 73.2



#5
2-Fluorophenol
Concen: 118.450 ng
RT: 5.575 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

Tgt Ion:112 Resp: 1071335
Ion Ratio Lower Upper
112 100
64 68.8 49.5 74.3
63 36.9 26.3 39.5

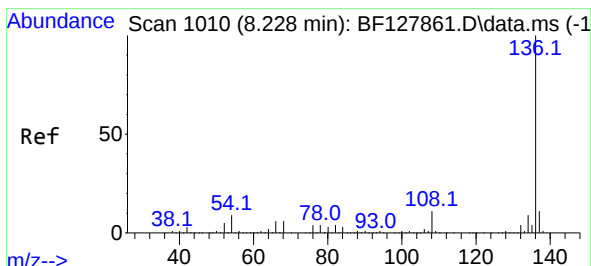
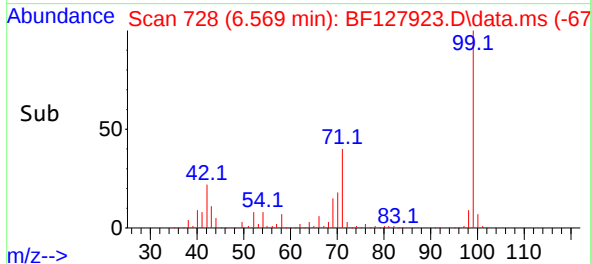
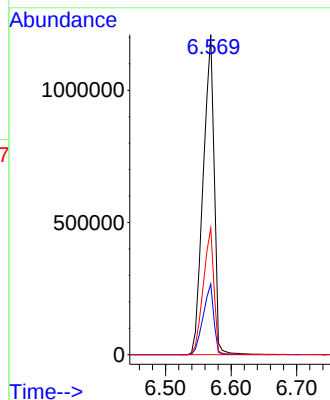
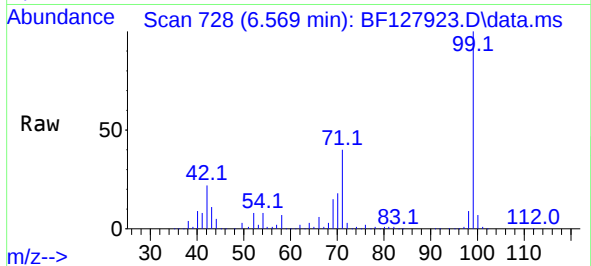




#7
Phenol-d6
Concen: 121.407 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

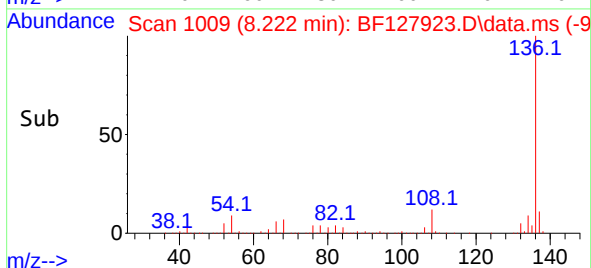
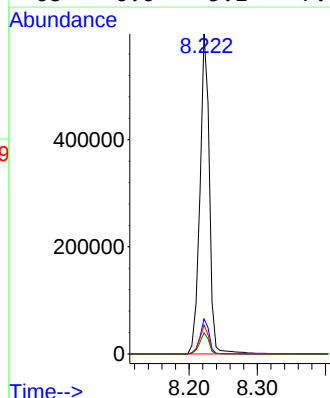
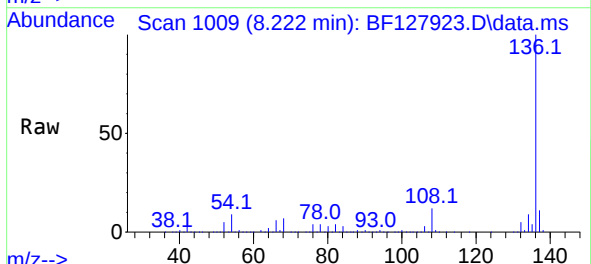
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5MS

Tgt Ion: 99 Resp: 1424826
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 39.6 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

Tgt Ion:136 Resp: 575704
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 6.8 10.2
68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 86.273 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127923.D

Acq: 26 Apr 2022 20:12

Instrument :

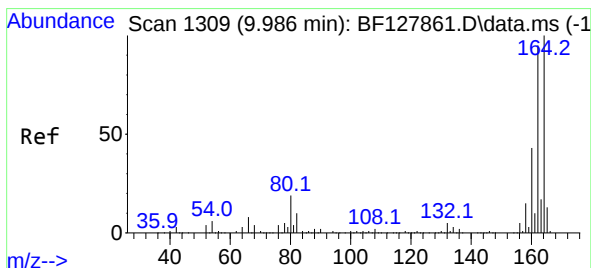
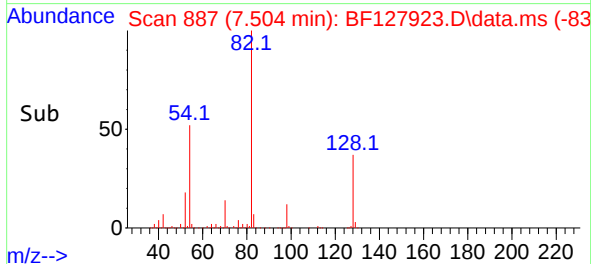
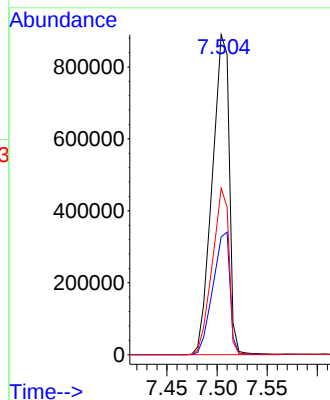
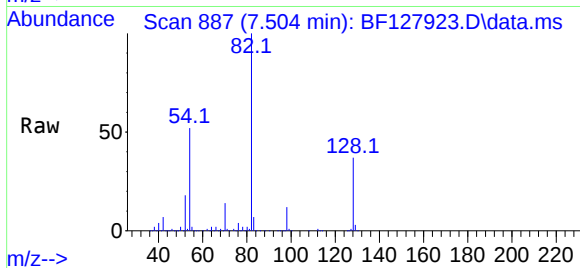
BNA_F

ClientSampleId :

E14ST-EB4-041922-0-5MS

Tgt Ion: 82 Resp: 1056220

Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.0	45.0
54	52.0	41.3	61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1308

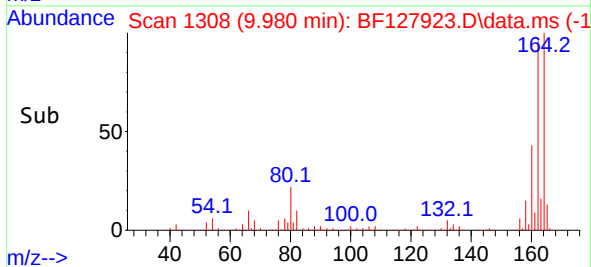
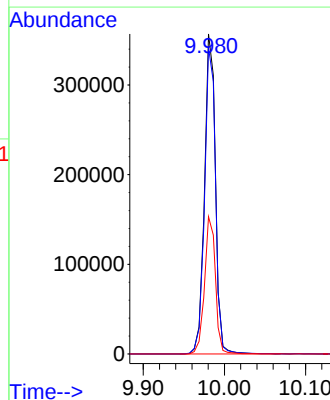
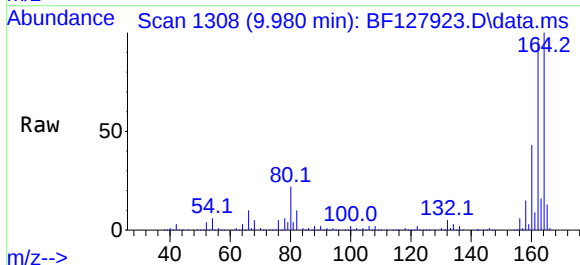
Delta R.T. -0.006 min

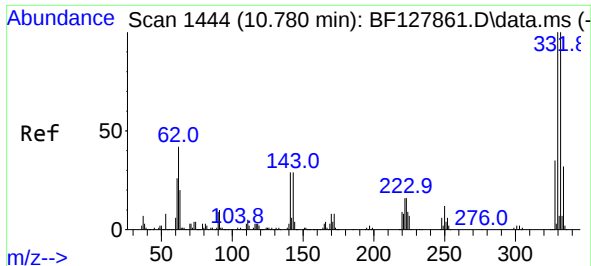
Lab File: BF127923.D

Acq: 26 Apr 2022 20:12

Tgt Ion: 164 Resp: 332899

Ion	Ratio	Lower	Upper
164	100		
162	95.8	76.0	114.0
160	42.9	34.8	52.2





#42

2,4,6-Tribromophenol

Concen: 123.985 ng

RT: 10.780 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF127923.D

Acq: 26 Apr 2022 20:12

Instrument :

BNA_F

ClientSampleId :

E14ST-EB4-041922-0-5MS

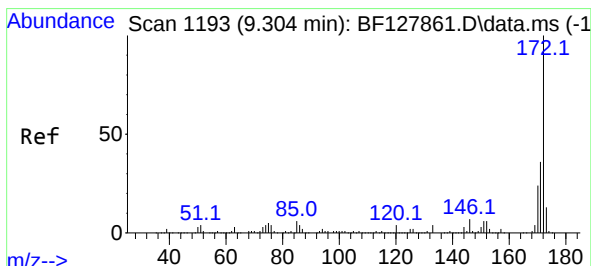
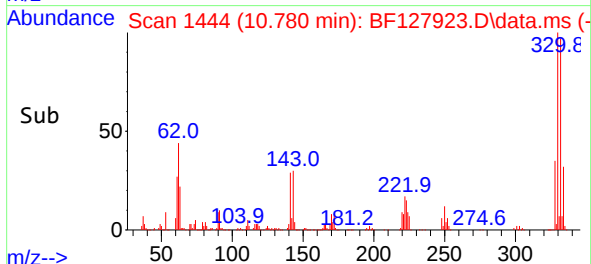
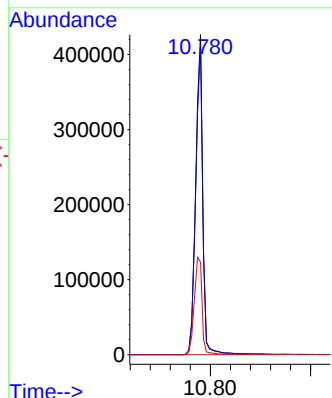
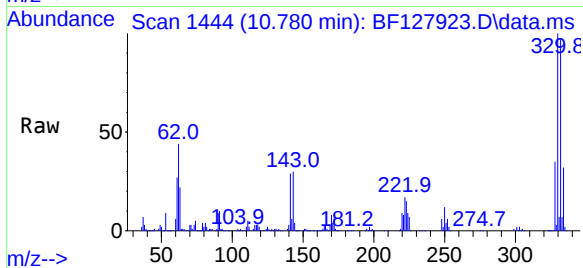
Tgt Ion:330 Resp: 415496

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

141 33.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 87.695 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF127923.D

Acq: 26 Apr 2022 20:12

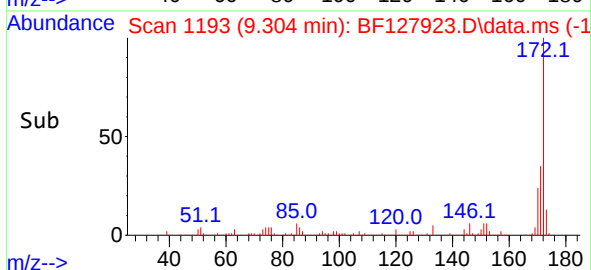
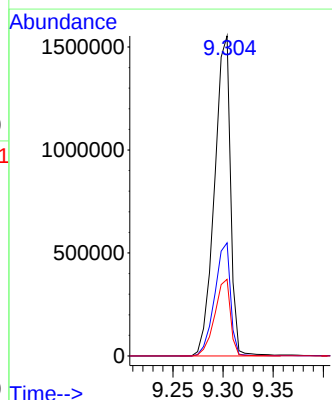
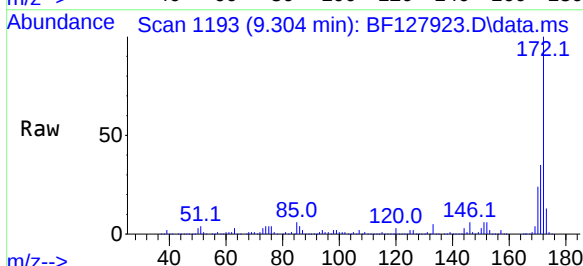
Tgt Ion:172 Resp: 1725642

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.9 19.1 28.7

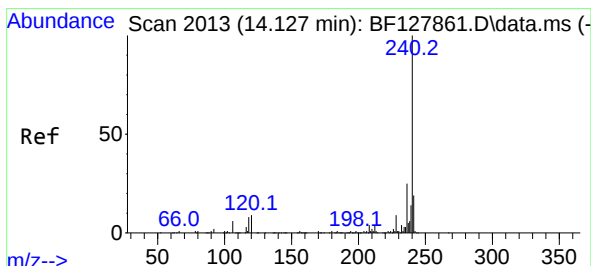
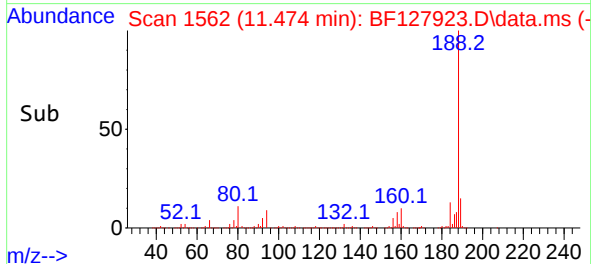
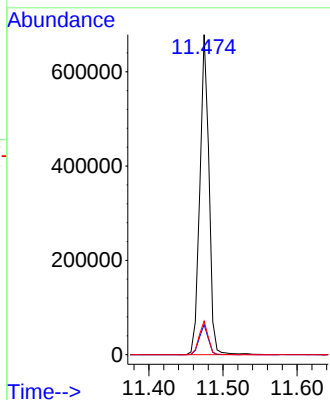
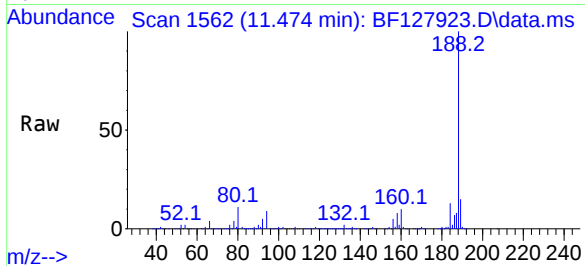




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

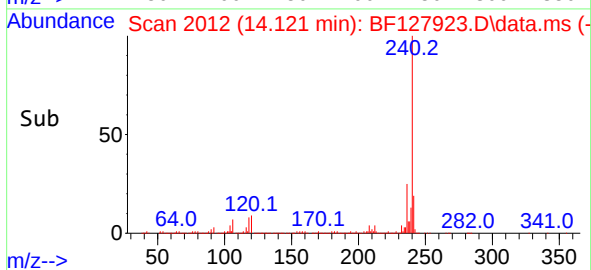
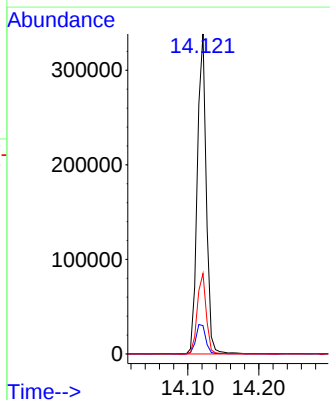
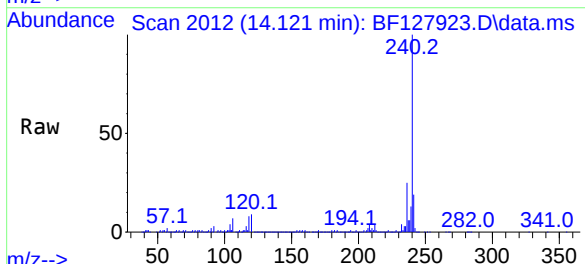
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 581469
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

Tgt Ion:240 Resp: 298178
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 25.2 20.3 30.5

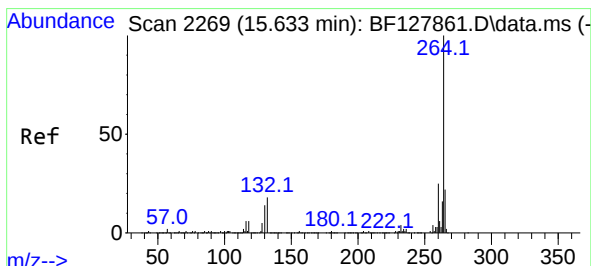
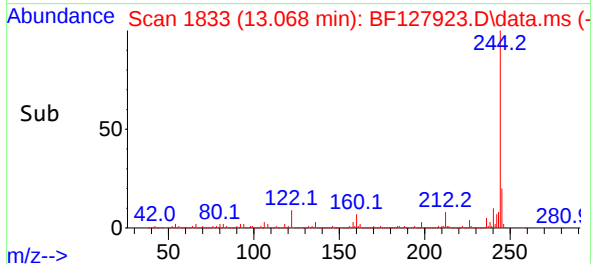
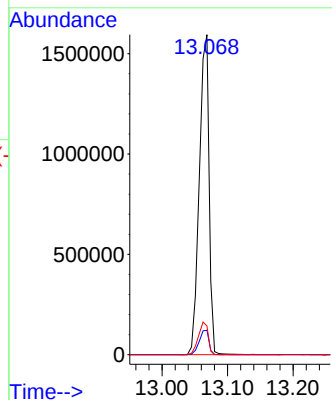
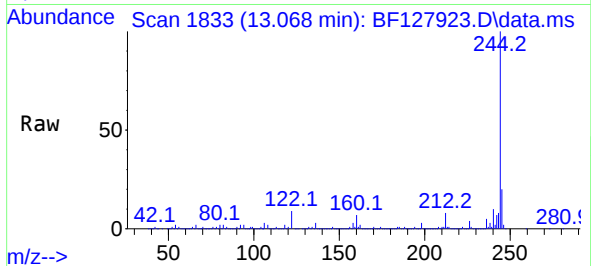




#79
Terphenyl-d14
Concen: 101.555 ng
RT: 13.068 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5MS

Tgt Ion:244 Resp: 1656021
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.0 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

Tgt Ion:264 Resp: 301054
Ion Ratio Lower Upper
264 100
260 23.1 20.1 30.1
265 21.3 17.5 26.3

