

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127430.D
 Acq On : 22 Mar 2022 02:47
 Operator : CG\JU
 Sample : N1958-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-3-2-3

Quant Time: Mar 22 05:07:20 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	95140	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	353059	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	201868	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	378906	20.000	ng	0.00
76) Chrysene-d12	14.021	240	269702	20.000	ng	0.00
86) Perylene-d12	15.504	264	150956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	745341	125.050	ng	0.02
7) Phenol-d6	6.487	99	974992	119.670	ng	0.00
23) Nitrobenzene-d5	7.416	82	750130	90.820	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	309730	144.033	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1240197	89.711	ng	0.00
79) Terphenyl-d14	12.968	244	1504602	91.325	ng	0.00

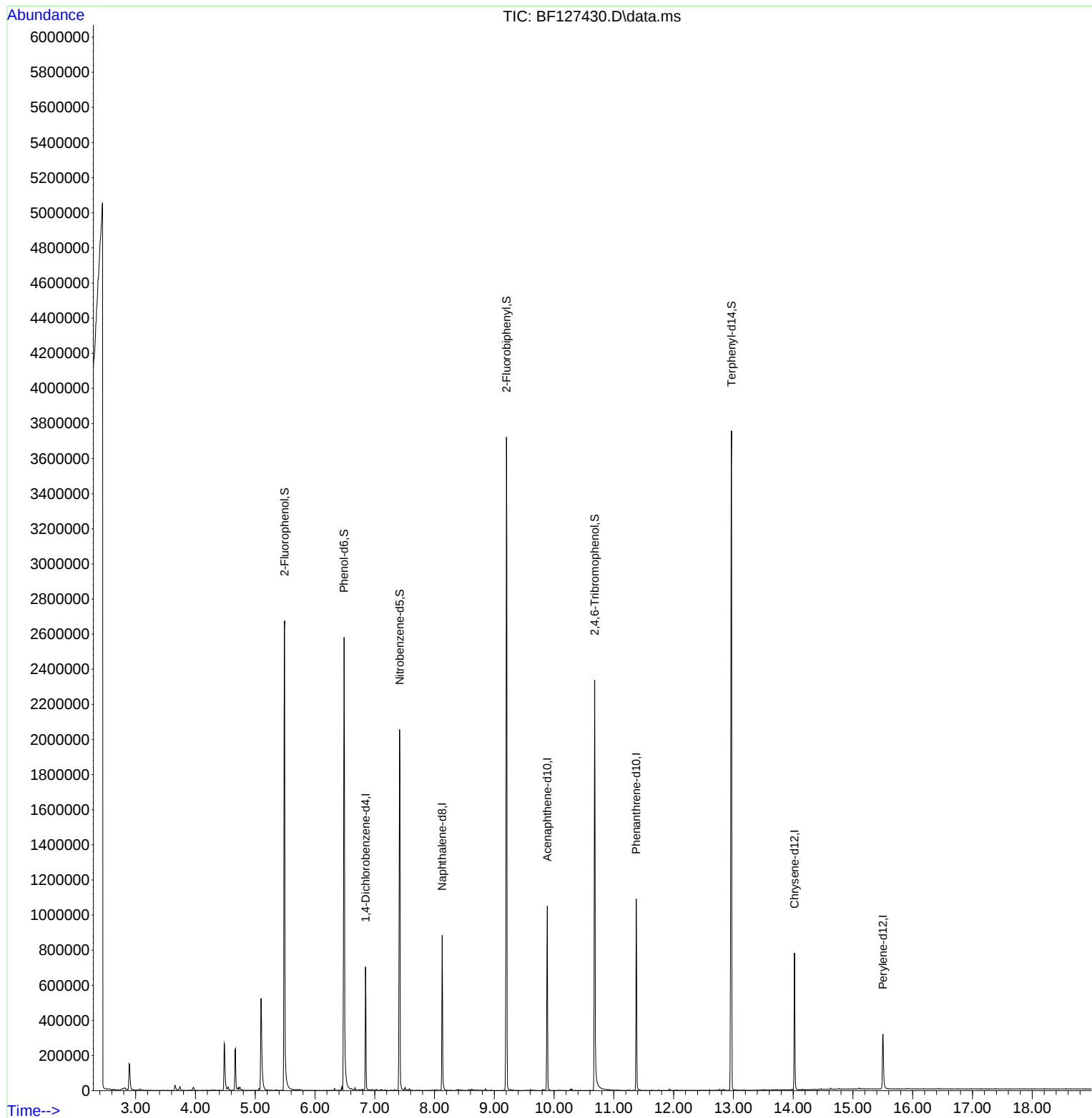
Target Compounds	Qvalue

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

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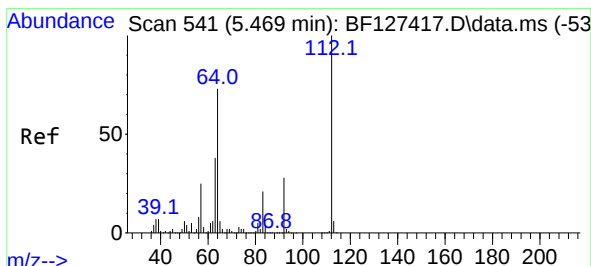
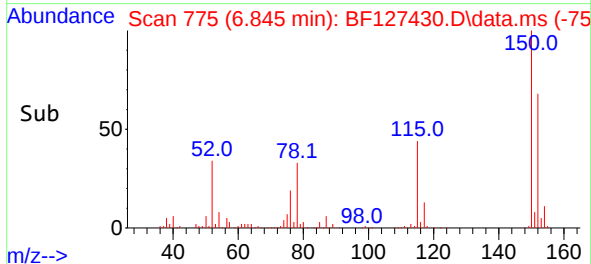
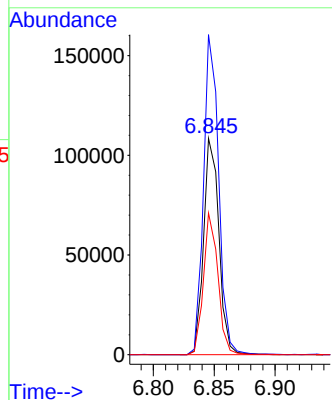
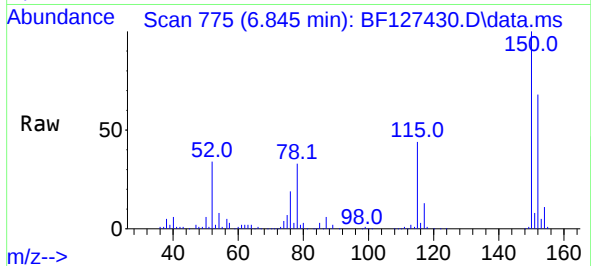




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

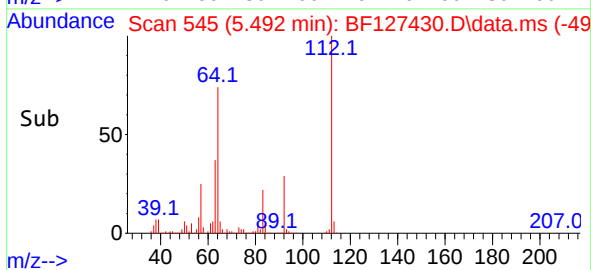
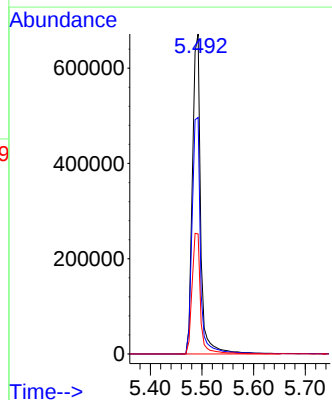
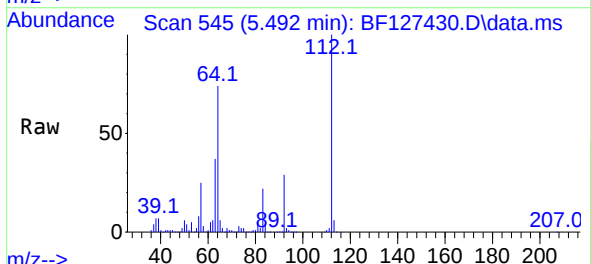
Instrument :
BNA_F
ClientSampleId :
C-3-2-3

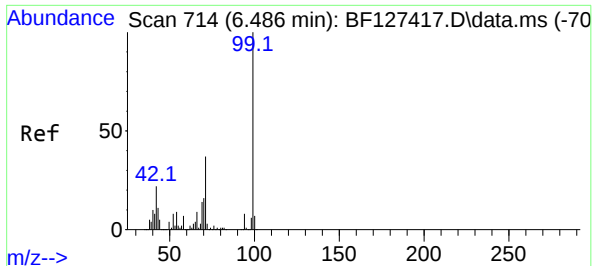
Tgt Ion:152 Resp: 95140
Ion Ratio Lower Upper
152 100
150 147.9 117.2 175.8
115 65.5 49.8 74.6



#5
2-Fluorophenol
Concen: 125.050 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

Tgt Ion:112 Resp: 745341
Ion Ratio Lower Upper
112 100
64 73.9 58.4 87.6
63 37.5 30.1 45.1

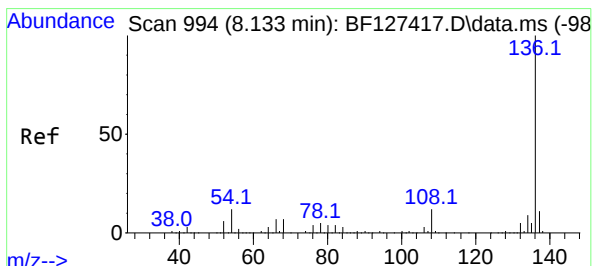
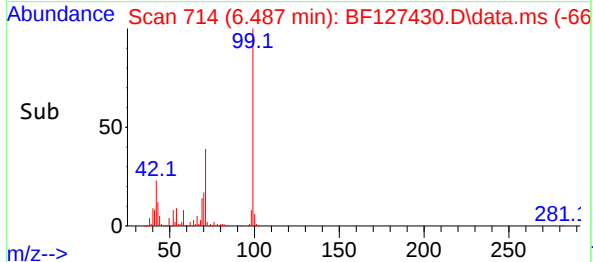
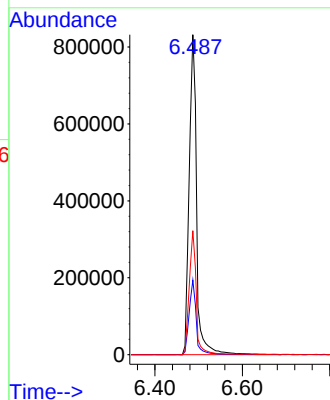
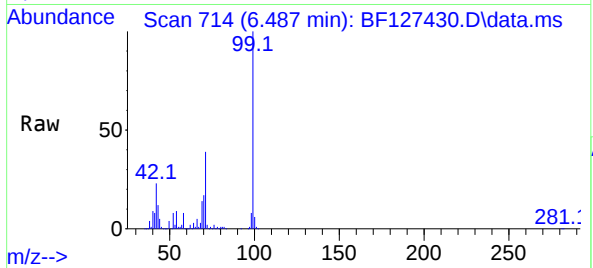




#7
Phenol-d6
Concen: 119.670 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

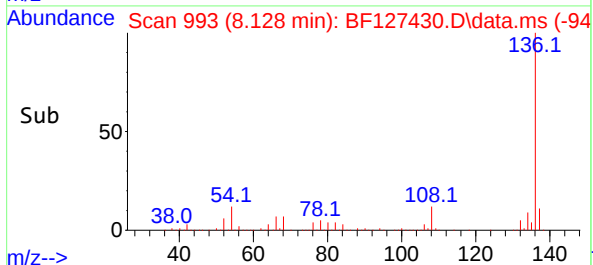
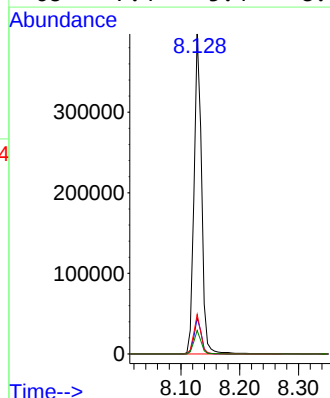
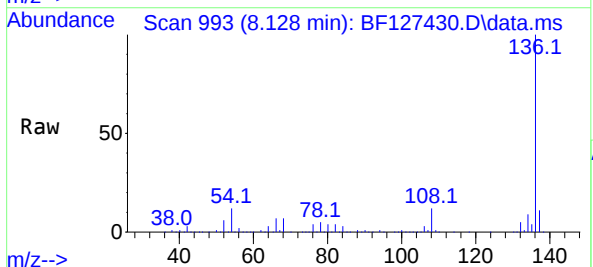
Instrument :
BNA_F
ClientSampleId :
C-3-2-3

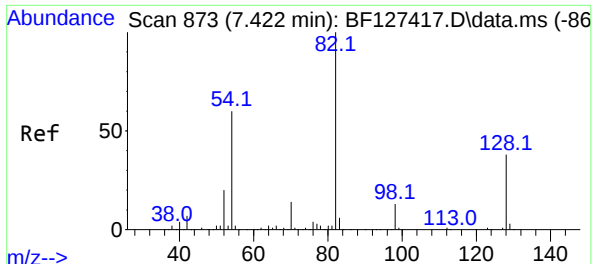
Tgt Ion: 99 Resp: 974992
Ion Ratio Lower Upper
99 100
42 23.3 17.8 26.6
71 38.7 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

Tgt Ion: 136 Resp: 353059
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 12.3 9.2 13.8
68 7.4 5.4 8.0

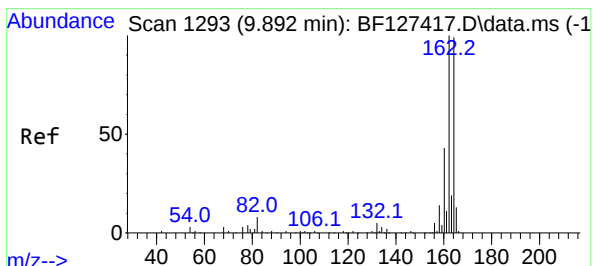
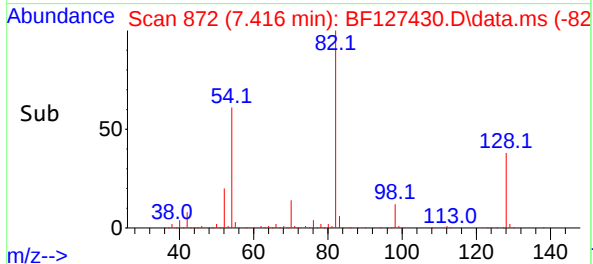
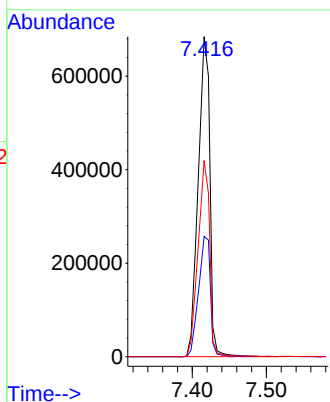
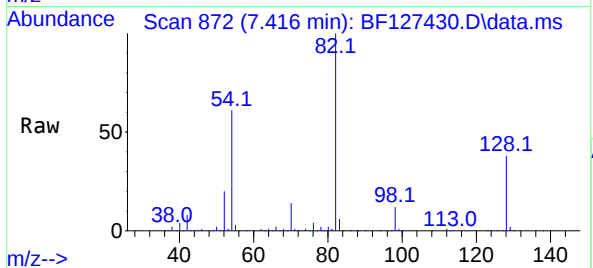




#23
Nitrobenzene-d5
Concen: 90.820 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

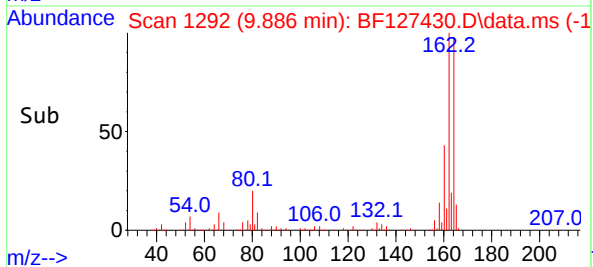
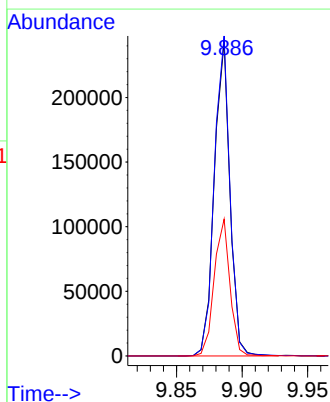
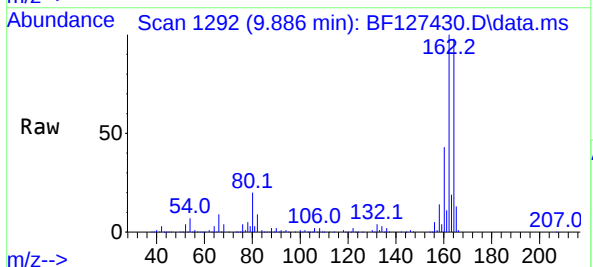
Instrument :
BNA_F
ClientSampleId :
C-3-2-3

Tgt Ion: 82 Resp: 750130
Ion Ratio Lower Upper
82 100
128 37.6 30.6 45.8
54 61.3 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: BF127430.D
Acq: 22 Mar 2022 02:47

Tgt Ion:164 Resp: 201868
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 43.5 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 144.033 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127430.D

Acq: 22 Mar 2022 02:47

Instrument :

BNA_F

ClientSampleId :

C-3-2-3

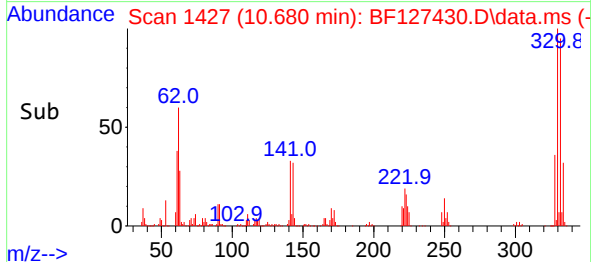
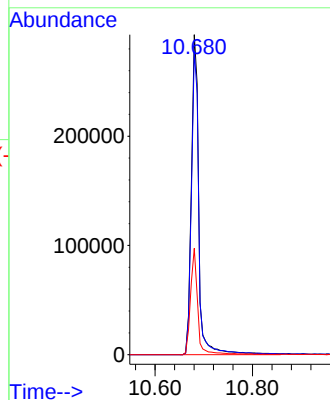
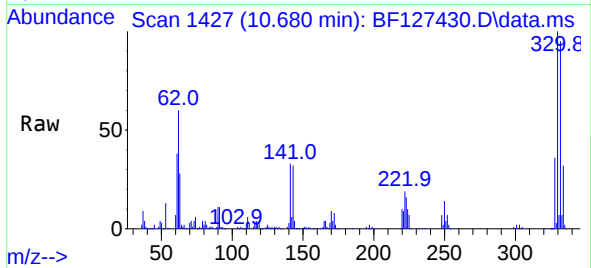
Tgt Ion:330 Resp: 309730

Ion Ratio Lower Upper

330 100

332 94.7 79.1 118.7

141 32.3 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 89.711 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127430.D

Acq: 22 Mar 2022 02:47

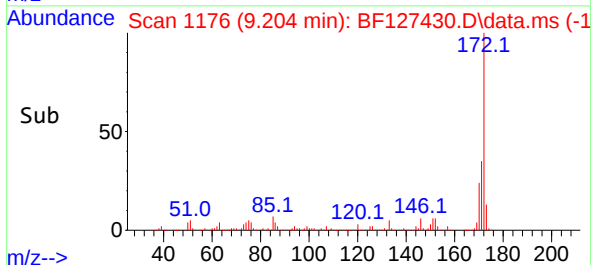
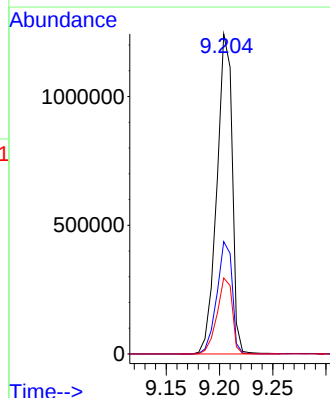
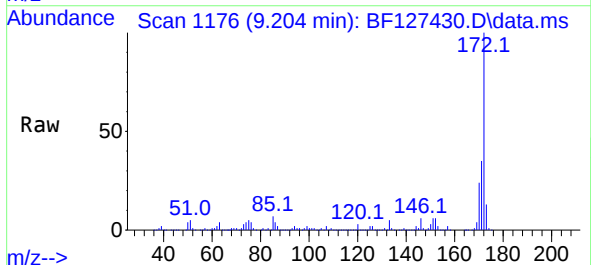
Tgt Ion:172 Resp: 1240197

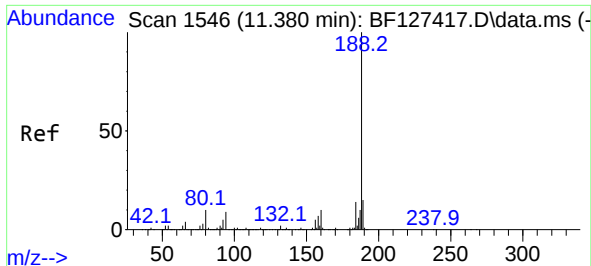
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.7 18.6 27.8

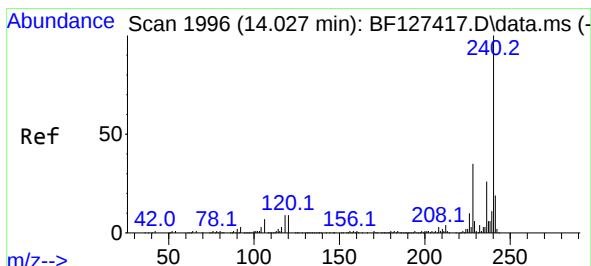
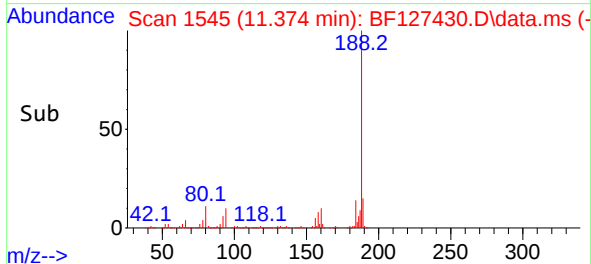
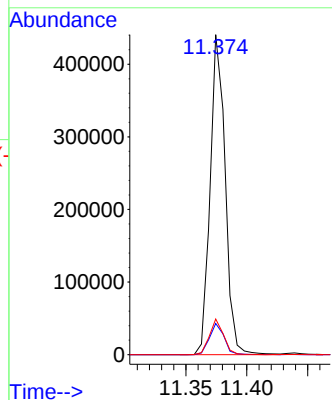
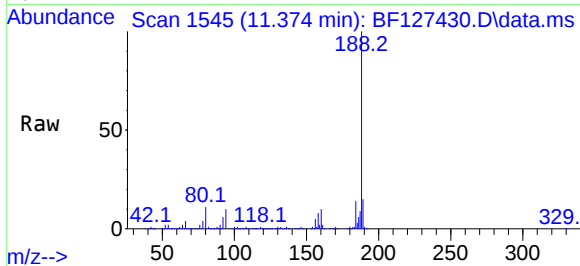




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

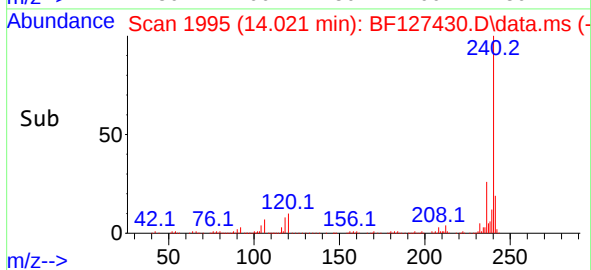
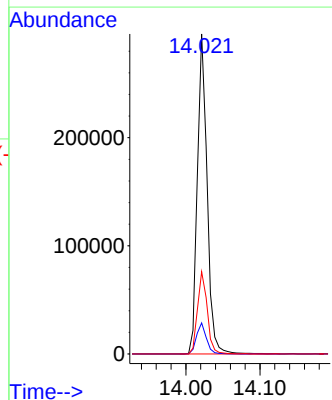
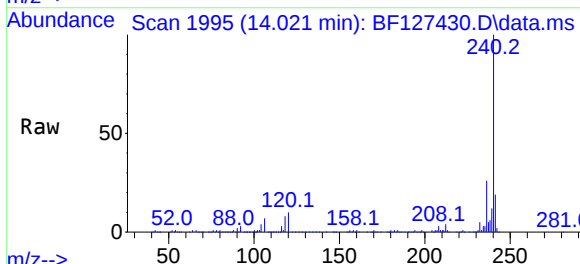
Instrument :
BNA_F
ClientSampleId :
C-3-2-3

Tgt Ion:188 Resp: 378906
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.0
80 11.2 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: BF127430.D
Acq: 22 Mar 2022 02:47

Tgt Ion:240 Resp: 269702
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 25.7 20.7 31.1



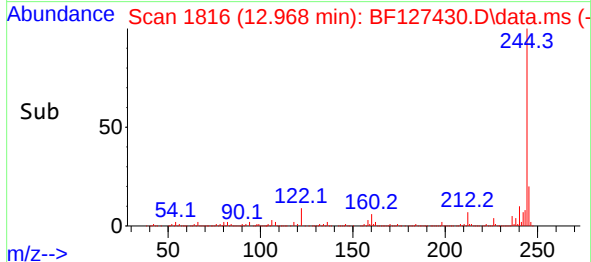
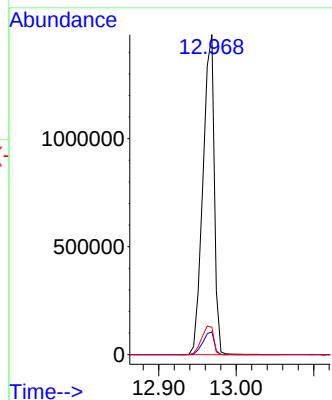
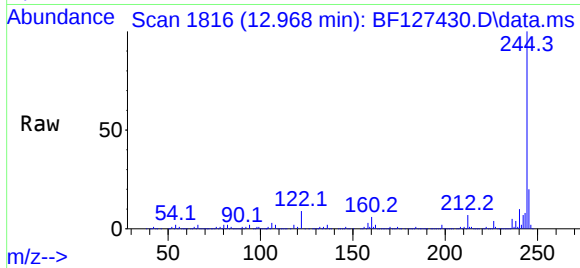


#79
 Terphenyl-d14
 Concen: 91.325 ng
 RT: 12.968 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BF127430.D
 Acq: 22 Mar 2022 02:47

Instrument :
 BNA_F
 ClientSampleId :
 C-3-2-3

Tgt Ion:244 Resp: 1504602

Ion	Ratio	Lower	Upper
244	100		
212	7.2	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: BF127430.D
 Acq: 22 Mar 2022 02:47

Tgt Ion:264 Resp: 150956

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	20.9	17.4	26.2

