

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127551.D
 Acq On : 28 Mar 2022 19:35
 Operator : CG\JU
 Sample : N2107-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS5

Quant Time: Mar 29 07:17:04 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	92137	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	340934	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	199741	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	359247	20.000	ng	0.00
76) Chrysene-d12	14.010	240	243046	20.000	ng	0.00
86) Perylene-d12	15.486	264	209810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	564609	97.815	ng	0.00
7) Phenol-d6	6.475	99	773057	97.978	ng	0.00
23) Nitrobenzene-d5	7.398	82	523394	65.622	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	203572	95.675	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	913614	66.791	ng	0.00
79) Terphenyl-d14	12.945	244	1023633	68.946	ng	0.00

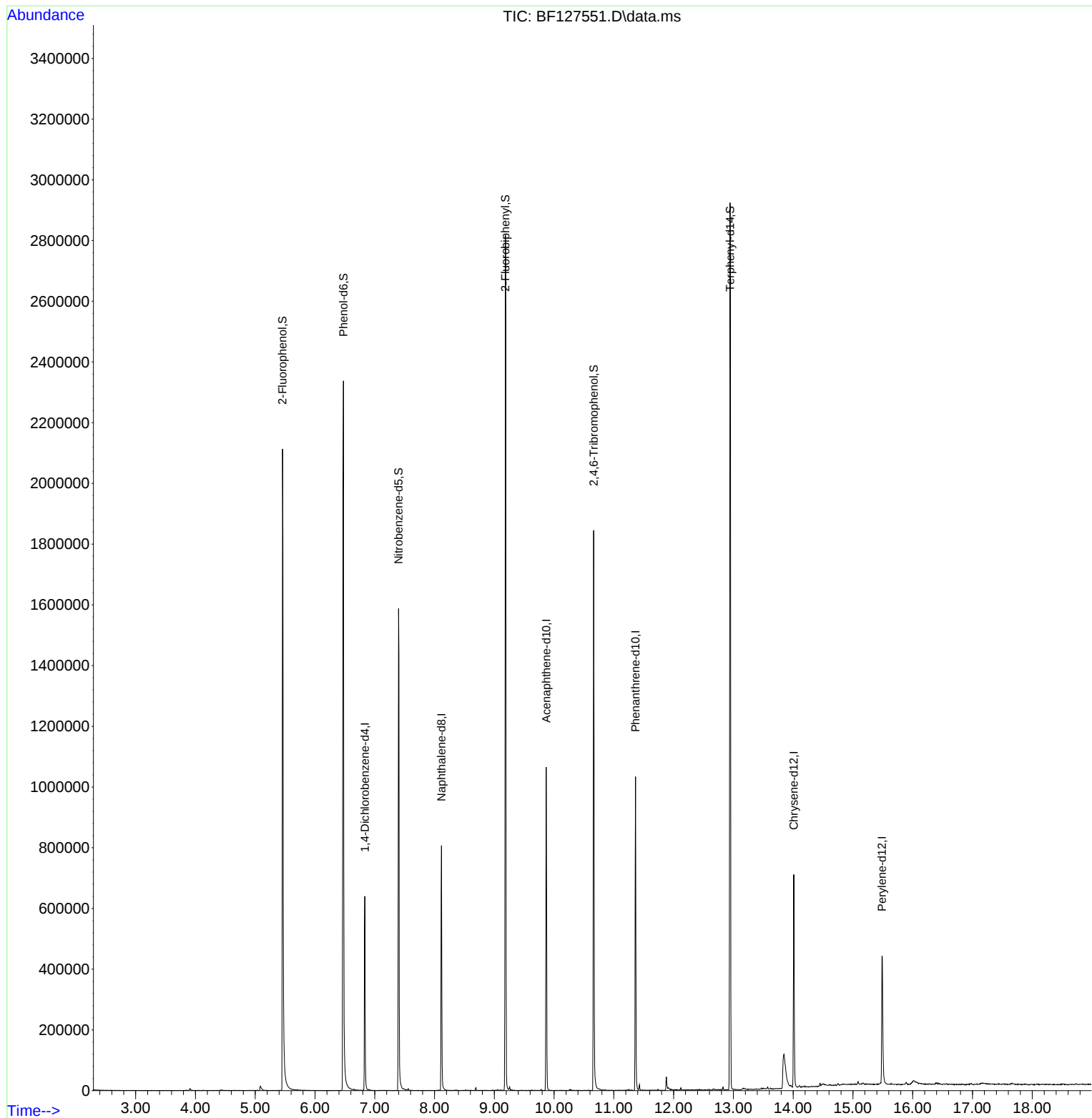
Target Compounds	Qvalue

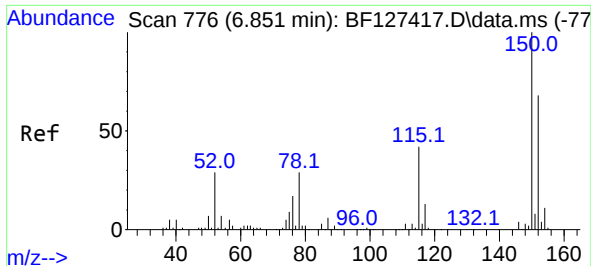
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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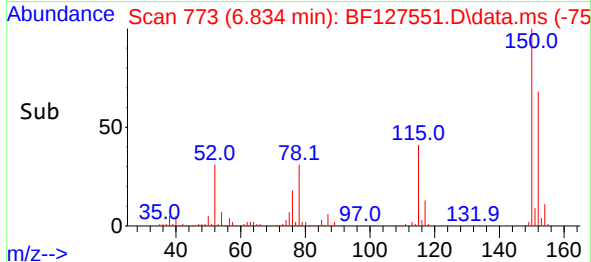
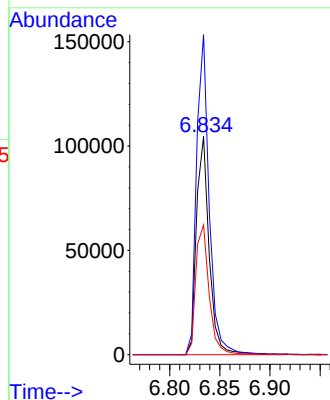
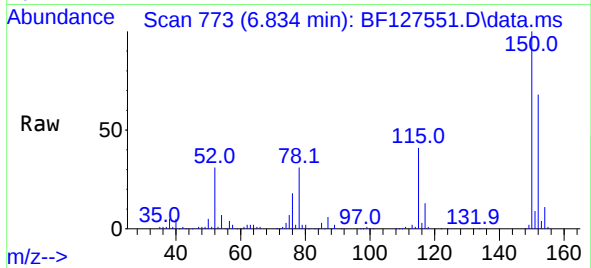




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

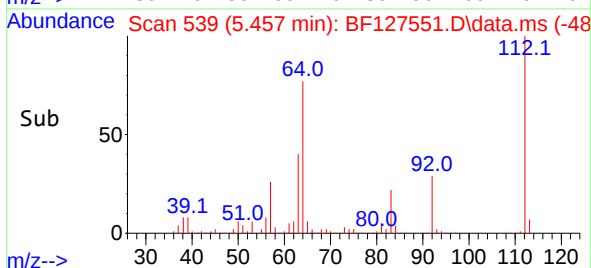
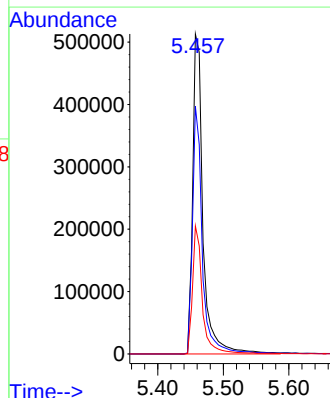
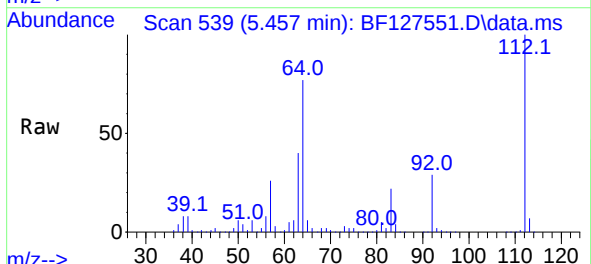
Instrument :
BNA_F
ClientSampleId :
SS5

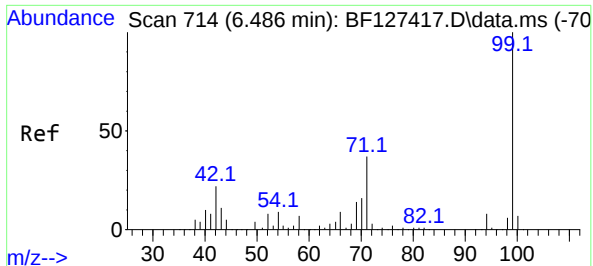
Tgt Ion:152 Resp: 92137
Ion Ratio Lower Upper
152 100
150 146.7 117.2 175.8
115 59.4 49.8 74.6



#5
2-Fluorophenol
Concen: 97.815 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

Tgt Ion:112 Resp: 564609
Ion Ratio Lower Upper
112 100
64 77.3 58.4 87.6
63 40.0 30.1 45.1

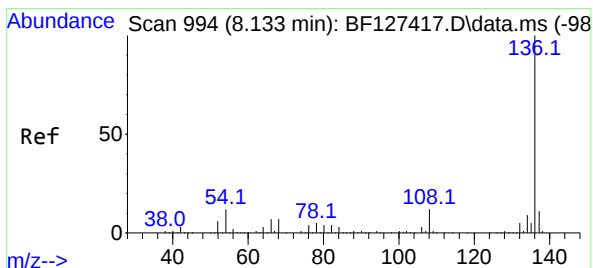
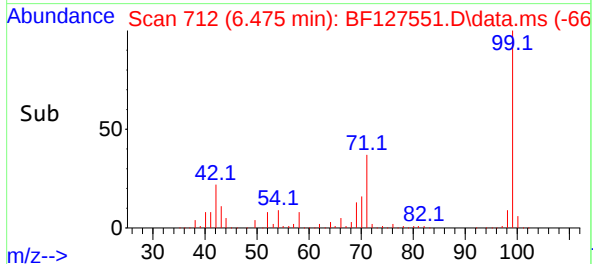
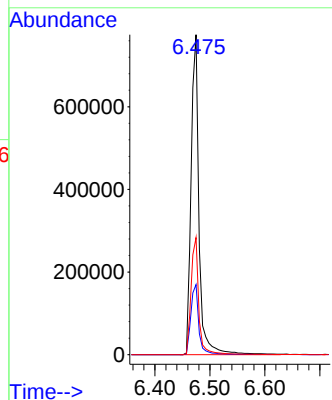
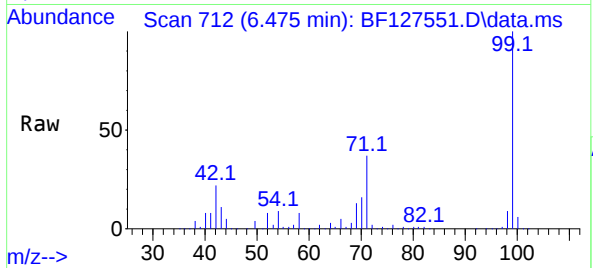




#7
Phenol-d6
Concen: 97.978 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

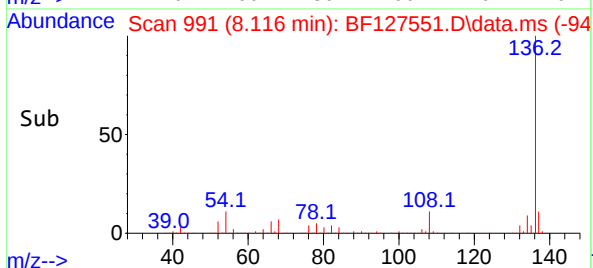
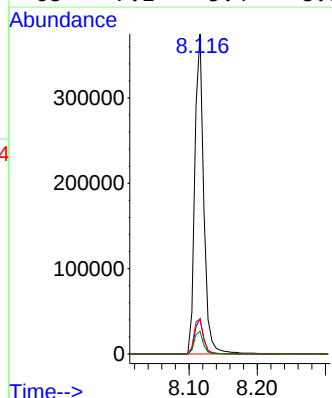
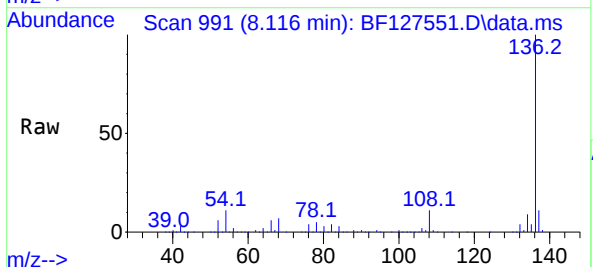
Instrument :
BNA_F
ClientSampleId :
SS5

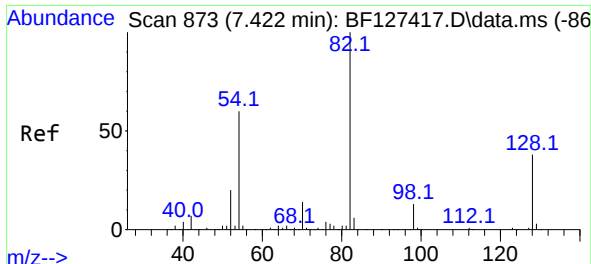
Tgt Ion: 99 Resp: 773057
Ion Ratio Lower Upper
99 100
42 21.9 17.8 26.6
71 36.6 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

Tgt Ion:136 Resp: 340934
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.9 9.2 13.8
68 7.1 5.4 8.0



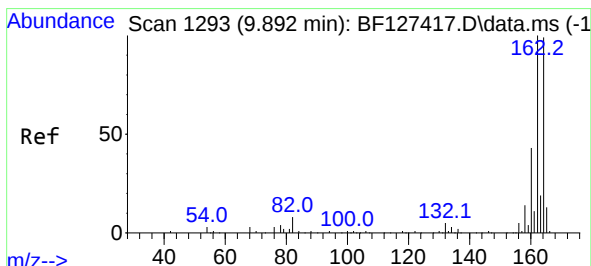
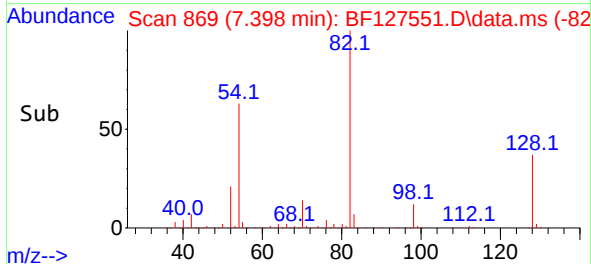
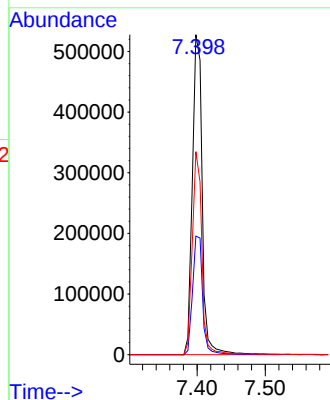
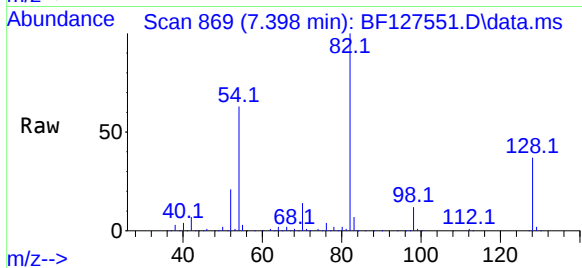


#23
 Nitrobenzene-d5
 Concen: 65.622 ng
 RT: 7.398 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF127551.D
 Acq: 28 Mar 2022 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SS5

Tgt Ion: 82 Resp: 523394

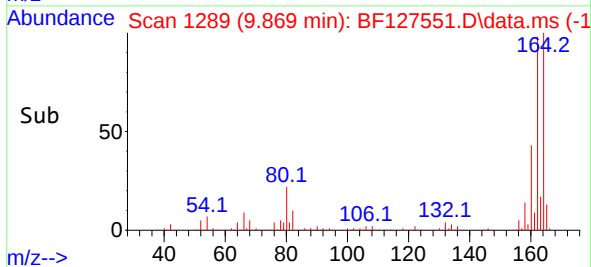
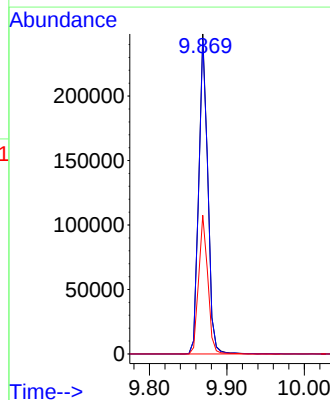
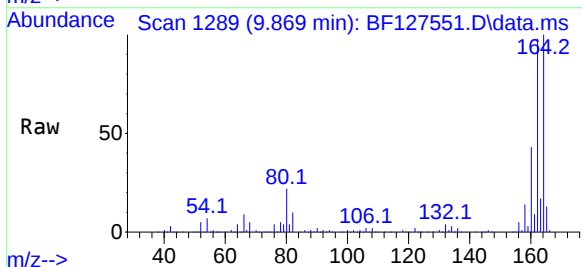
Ion	Ratio	Lower	Upper
82	100		
128	37.0	30.6	45.8
54	63.5	48.2	72.2

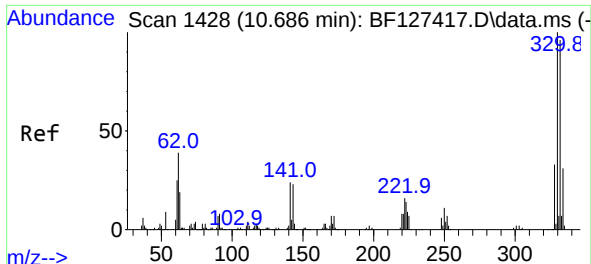


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.869 min Scan# 1289
 Delta R.T. -0.006 min
 Lab File: BF127551.D
 Acq: 28 Mar 2022 19:35

Tgt Ion:164 Resp: 199741

Ion	Ratio	Lower	Upper
164	100		
162	98.2	81.2	121.8
160	43.4	34.6	52.0





#42

2,4,6-Tribromophenol

Concen: 95.675 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF127551.D

Acq: 28 Mar 2022 19:35

Instrument :

BNA_F

ClientSampleId :

SS5

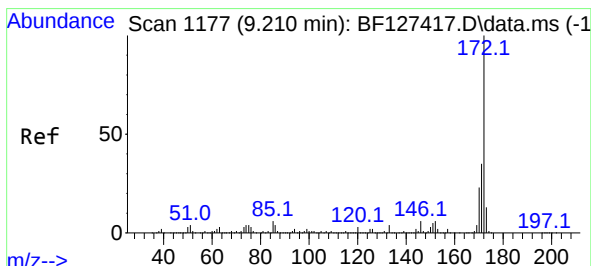
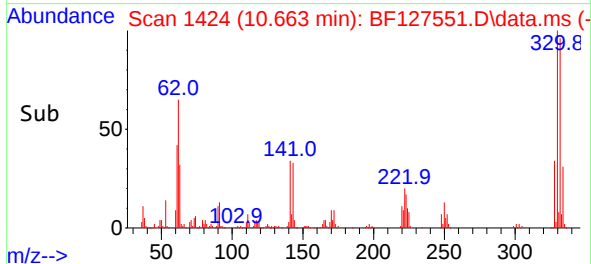
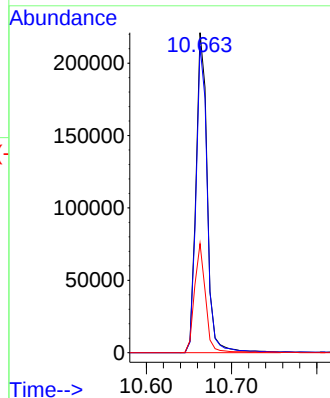
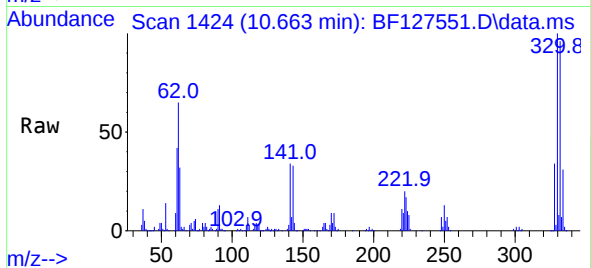
Tgt Ion:330 Resp: 203572

Ion Ratio Lower Upper

330 100

332 95.7 79.1 118.7

141 33.3 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 66.791 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF127551.D

Acq: 28 Mar 2022 19:35

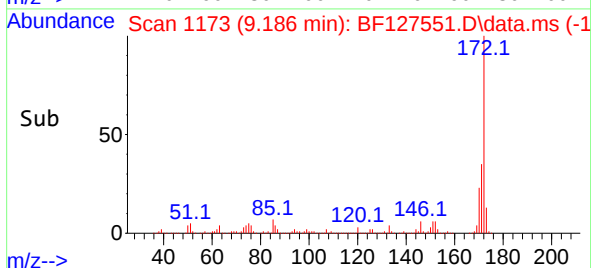
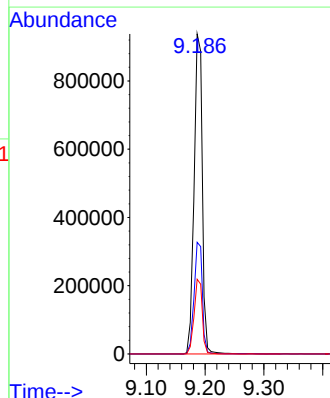
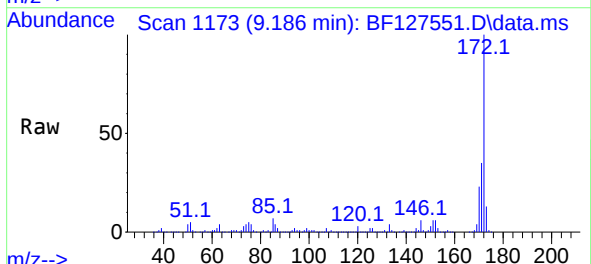
Tgt Ion:172 Resp: 913614

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.4 18.6 27.8

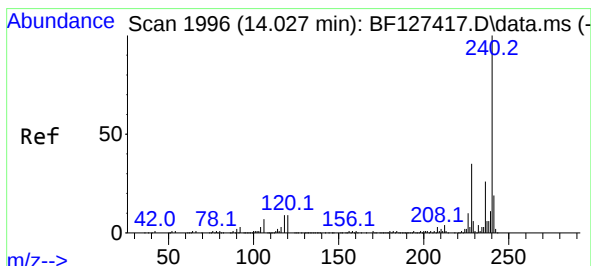
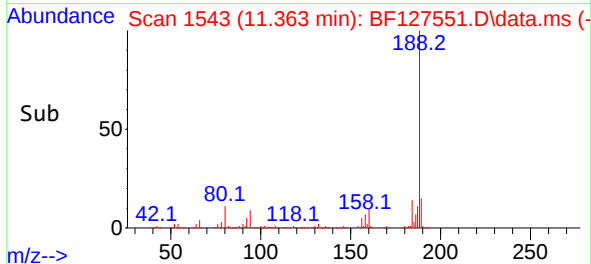
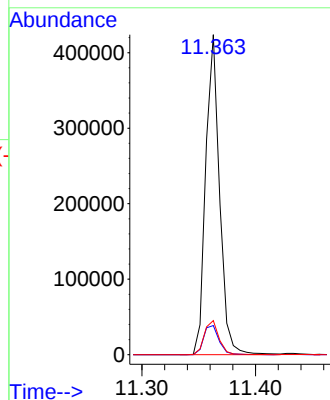
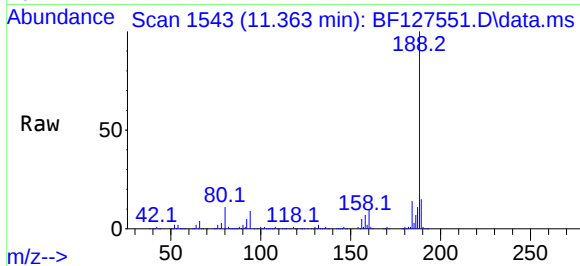




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

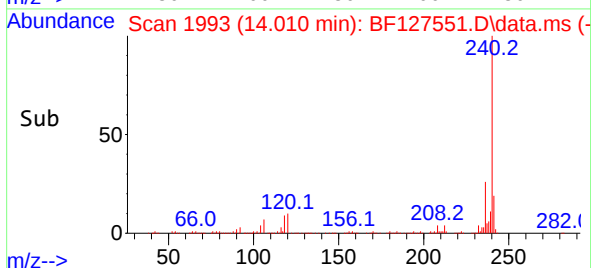
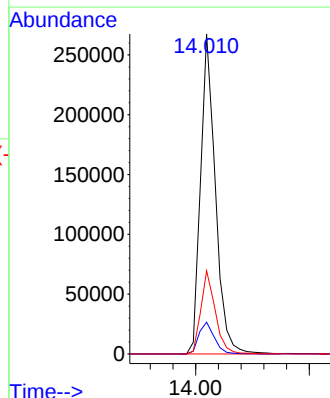
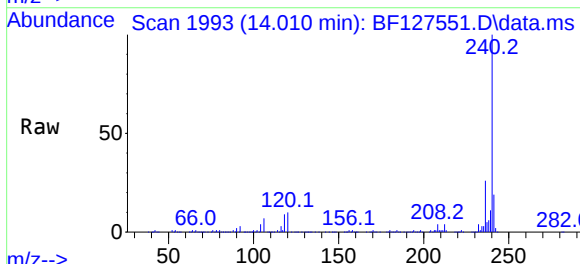
Instrument :
BNA_F
ClientSampleId :
SS5

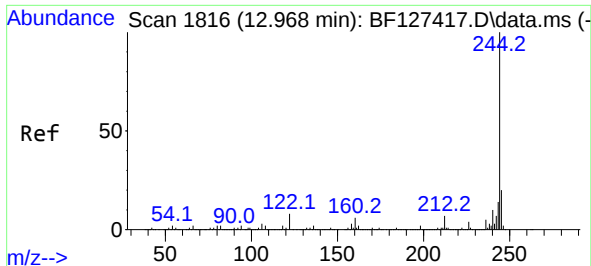
Tgt Ion:188 Resp: 359247
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.6 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127551.D
Acq: 28 Mar 2022 19:35

Tgt Ion:240 Resp: 243046
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 26.0 20.7 31.1

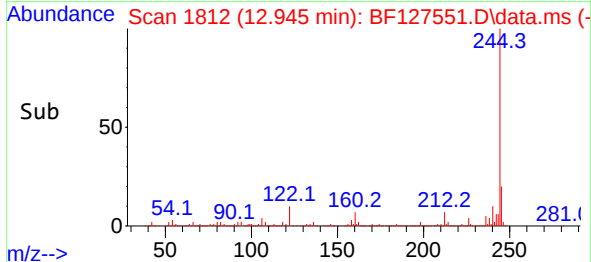
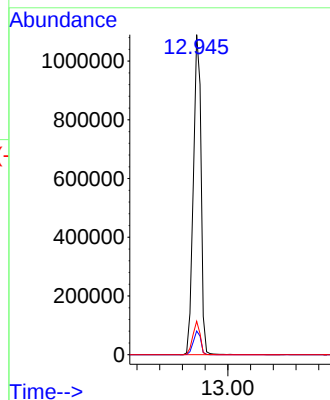
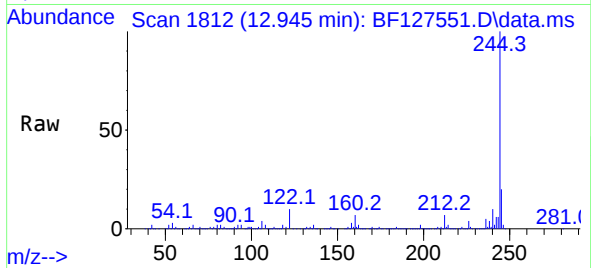




#79
 Terphenyl-d14
 Concen: 68.946 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127551.D
 Acq: 28 Mar 2022 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SS5

Tgt Ion:244 Resp: 1023633
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.5 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF127551.D
 Acq: 28 Mar 2022 19:35

Tgt Ion:264 Resp: 209810
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 20.9 17.4 26.2

