

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127693.D
 Acq On : 07 Apr 2022 19:59
 Operator : CG\JU
 Sample : N2270-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FARMINGDALE-CLAY-1

Quant Time: Apr 08 04:46:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	119668	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	439322	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	256152	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	476558	20.000	ng	0.00
76) Chrysene-d12	14.145	240	353625	20.000	ng	-0.01
86) Perylene-d12	15.674	264	307294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	693110	94.113	ng	0.00
7) Phenol-d6	6.575	99	903700	93.798	ng	0.00
23) Nitrobenzene-d5	7.528	82	625526	63.477	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	285169	104.617	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1143036	63.127	ng	0.00
79) Terphenyl-d14	13.092	244	1329873	62.074	ng	0.00

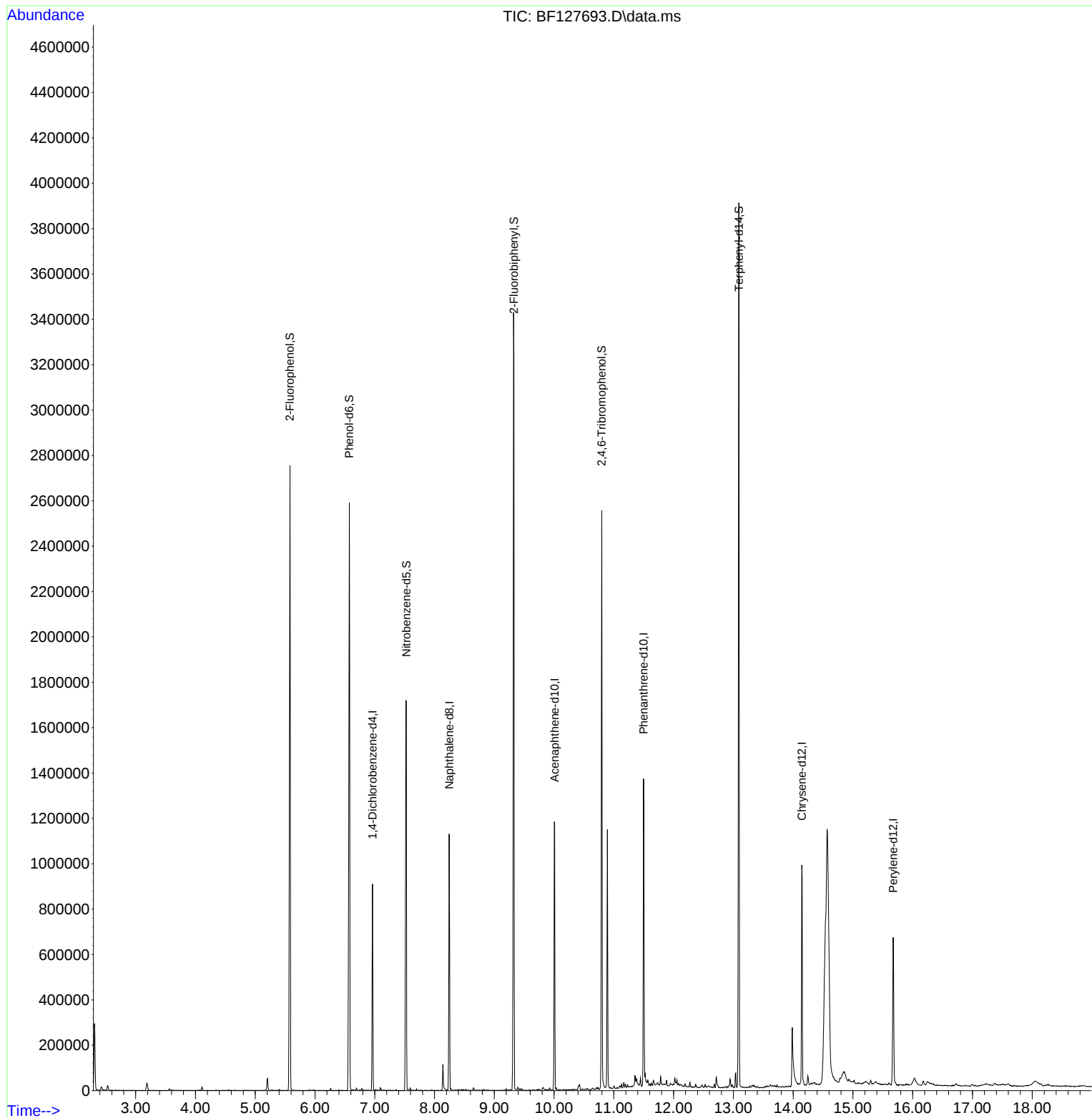
Target Compounds	Qvalue

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

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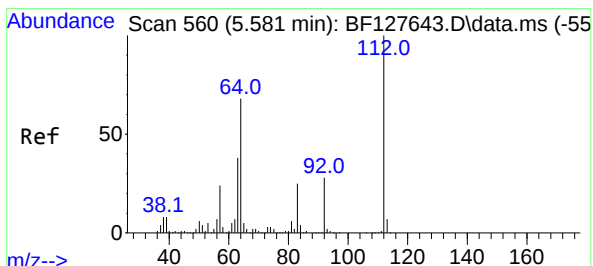
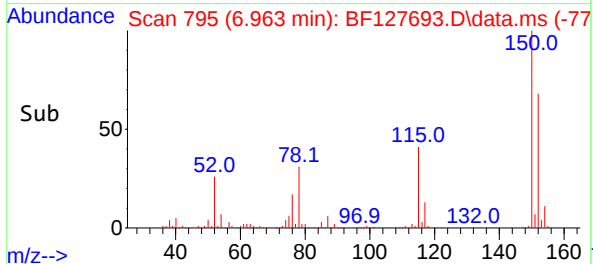
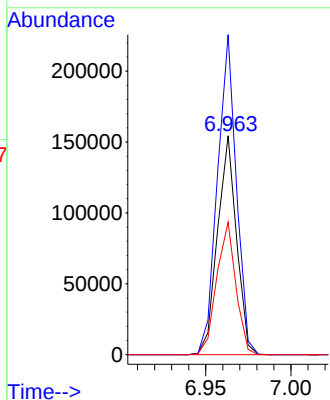
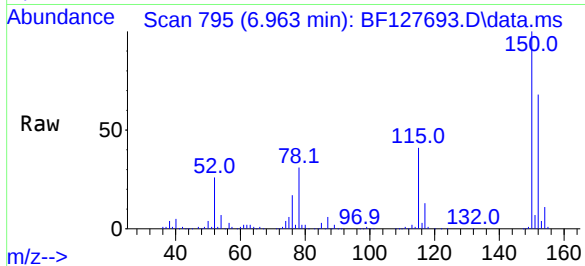




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127693.D
Acq: 07 Apr 2022 19:59

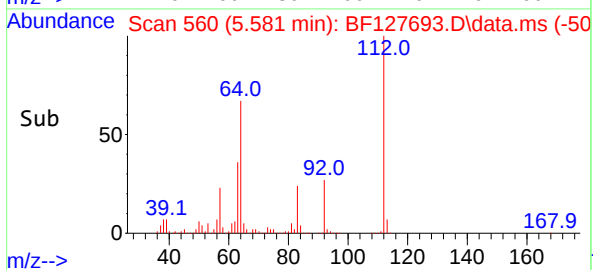
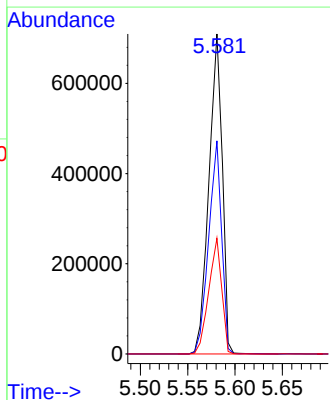
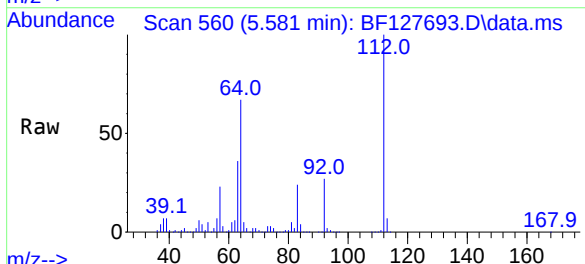
Instrument :
BNA_F
ClientSampleId :
FARMINGDALE-CLAY-1

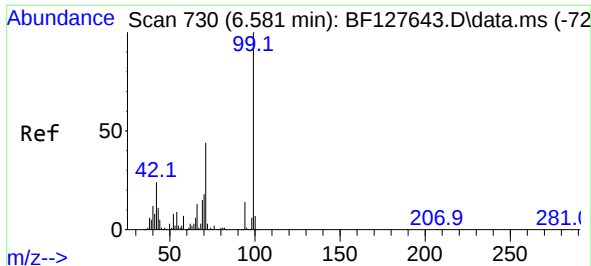
Tgt Ion:152 Resp: 119668
Ion Ratio Lower Upper
152 100
150 146.2 117.2 175.8
115 60.6 49.8 74.6



#5
2-Fluorophenol
Concen: 94.113 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF127693.D
Acq: 07 Apr 2022 19:59

Tgt Ion:112 Resp: 693110
Ion Ratio Lower Upper
112 100
64 66.6 58.4 87.6
63 36.1 30.1 45.1

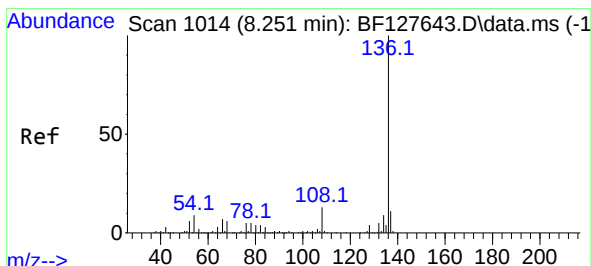
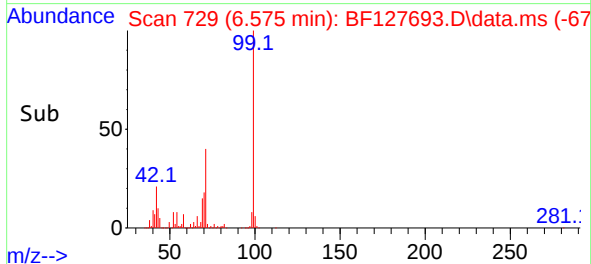
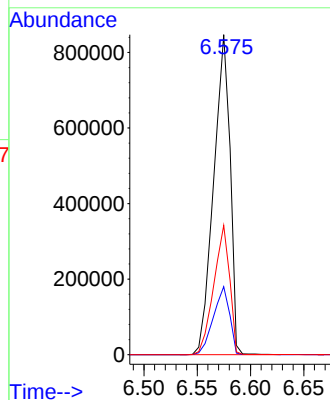
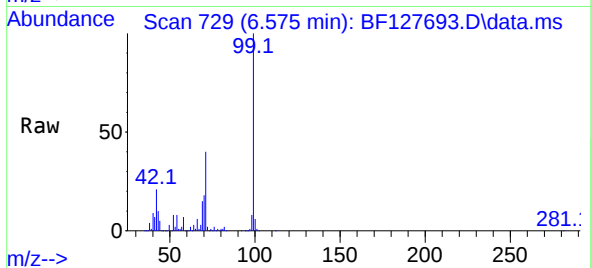




#7
Phenol-d6
Concen: 93.798 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127693.D
Acq: 07 Apr 2022 19:59

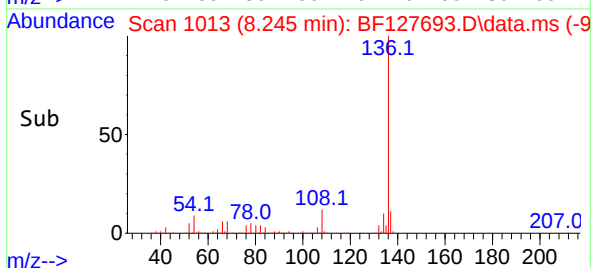
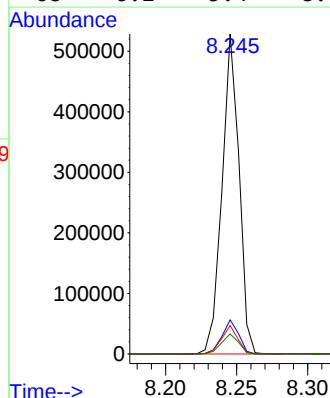
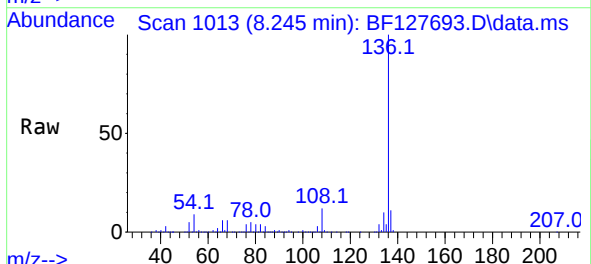
Instrument :
BNA_F
ClientSampleId :
FARMINGDALE-CLAY-1

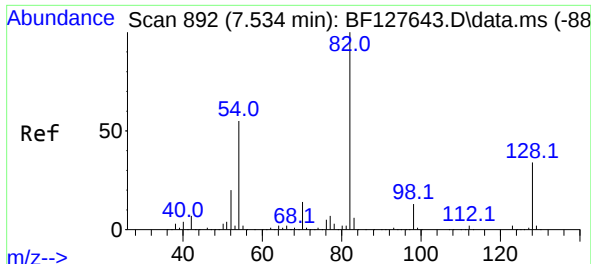
Tgt Ion: 99 Resp: 903700
Ion Ratio Lower Upper
99 100
42 21.2 17.8 26.6
71 40.4 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127693.D
Acq: 07 Apr 2022 19:59

Tgt Ion: 136 Resp: 439322
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.9 9.2 13.8
68 6.2 5.4 8.0

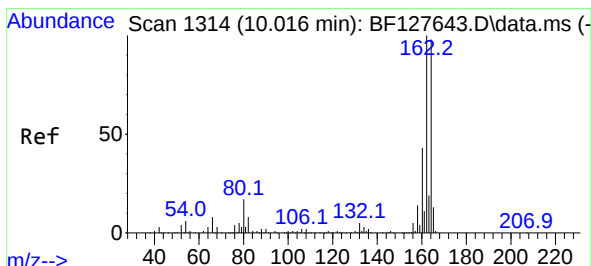
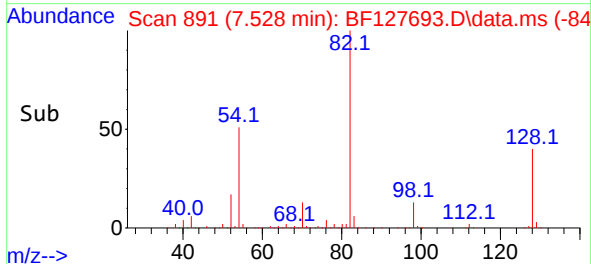
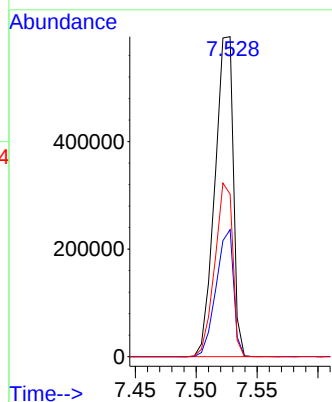
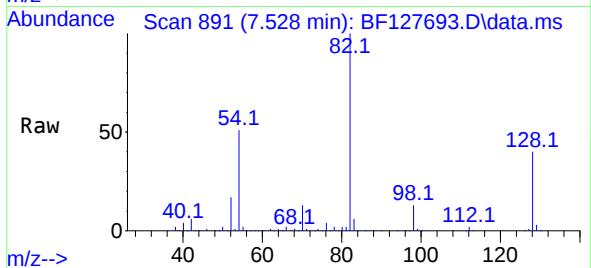




#23
Nitrobenzene-d5
Concen: 63.477 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127693.D
Acq: 07 Apr 2022 19:59

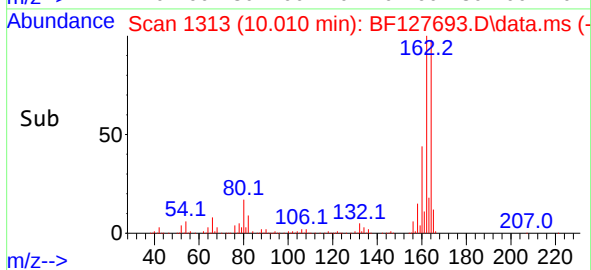
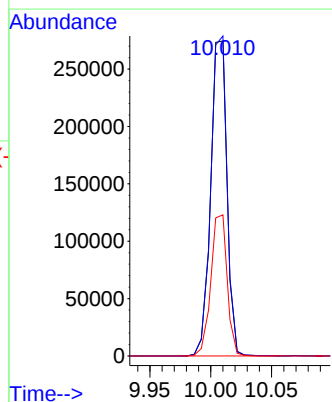
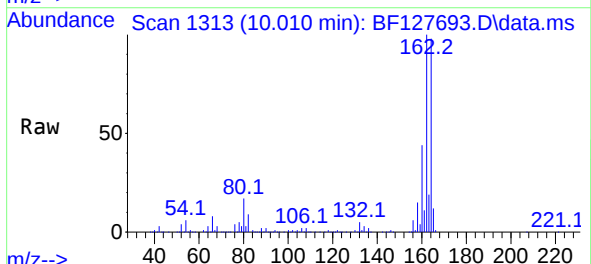
Instrument :
BNA_F
ClientSampleId :
FARMINGDALE-CLAY-1

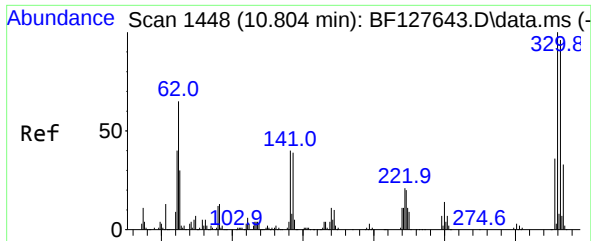
Tgt Ion: 82 Resp: 625526
Ion Ratio Lower Upper
82 100
128 39.7 30.6 45.8
54 50.8 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127693.D
Acq: 07 Apr 2022 19:59

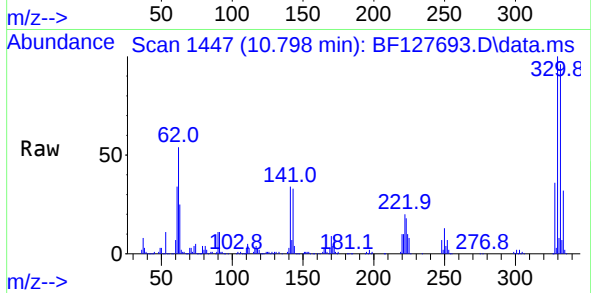
Tgt Ion:164 Resp: 256152
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 44.8 34.6 52.0



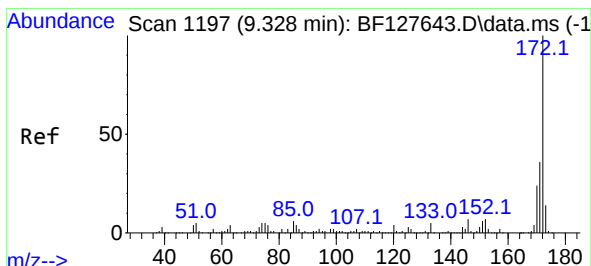
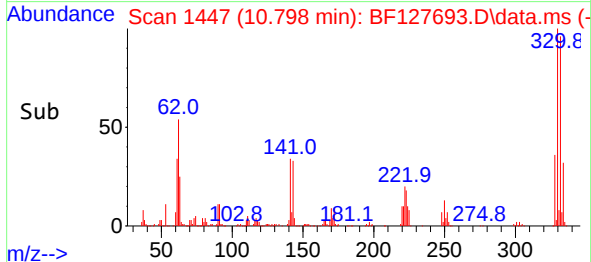
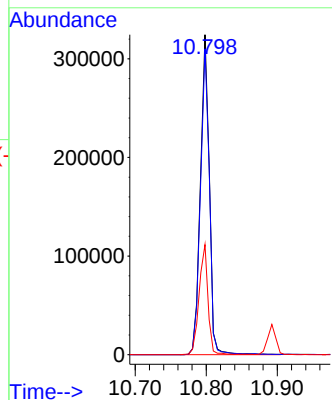


#42
2,4,6-Tribromophenol
Concen: 104.617 ng
RT: 10.798 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF127693.D
Acq: 07 Apr 2022 19:59

Instrument :
BNA_F
ClientSampleId :
FARMINGDALE-CLAY-1

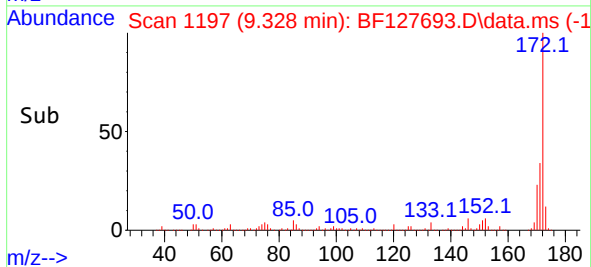
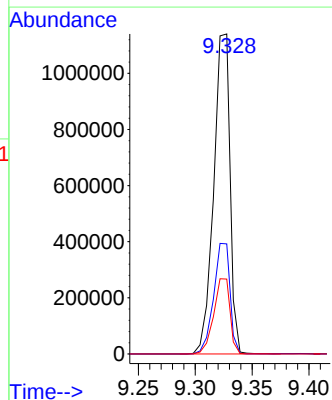
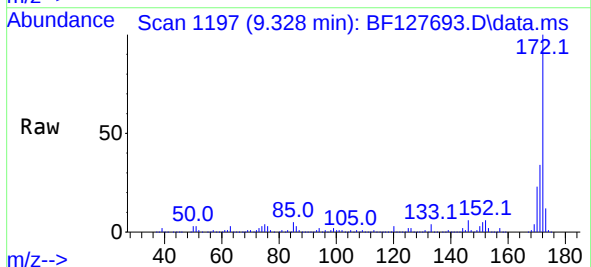


Tgt Ion:330 Resp: 285169
Ion Ratio Lower Upper
330 100
332 96.0 79.1 118.7
141 34.4 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 63.127 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127693.D
Acq: 07 Apr 2022 19:59

Tgt Ion:172 Resp: 1143036
Ion Ratio Lower Upper
172 100
171 34.4 28.4 42.6
170 23.4 18.6 27.8

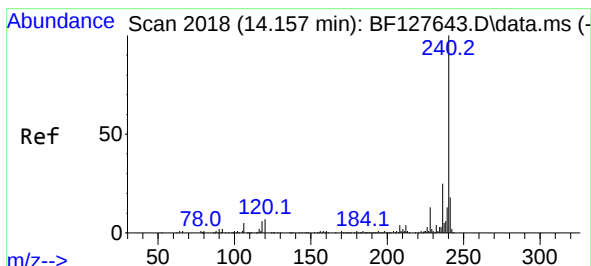
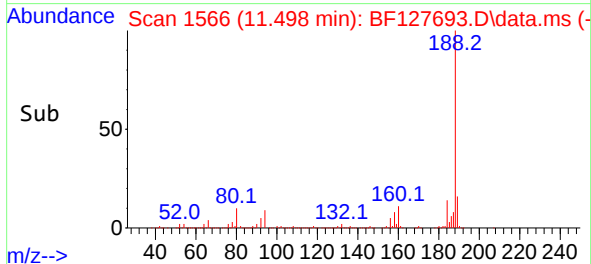
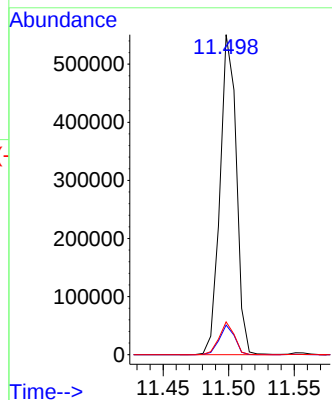
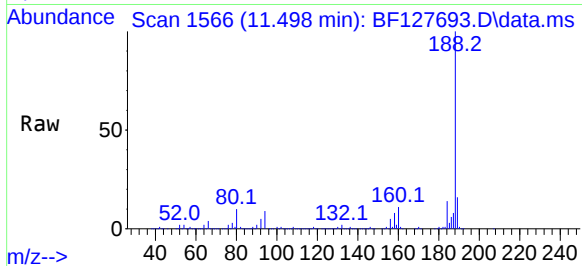




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127693.D
Acq: 07 Apr 2022 19:59

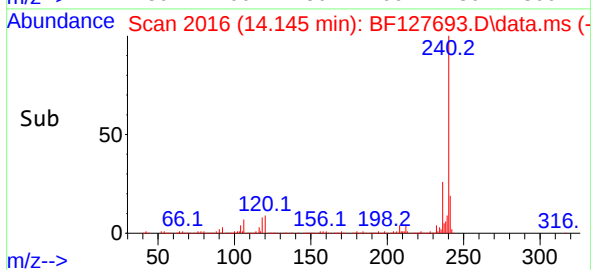
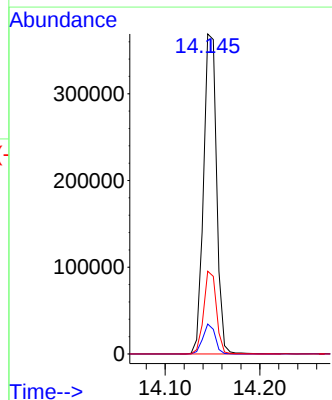
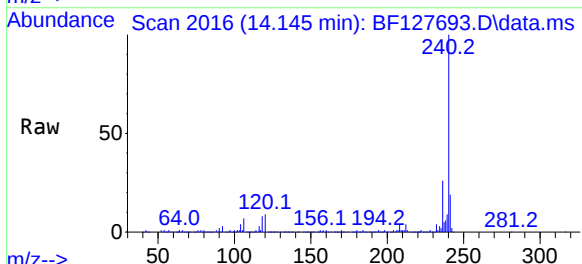
Instrument :
BNA_F
ClientSampleId :
FARMINGDALE-CLAY-1

Tgt Ion:188 Resp: 476558
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.3 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF127693.D
Acq: 07 Apr 2022 19:59

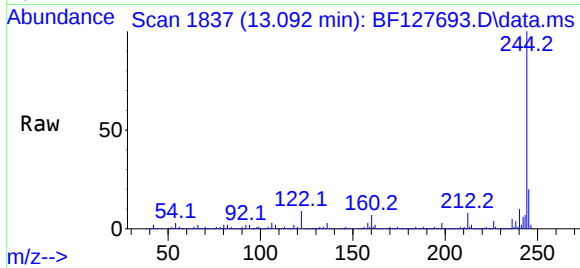
Tgt Ion:240 Resp: 353625
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 25.8 20.7 31.1





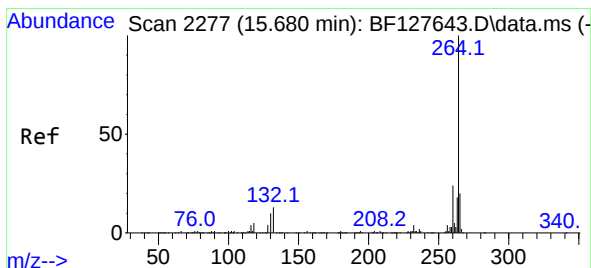
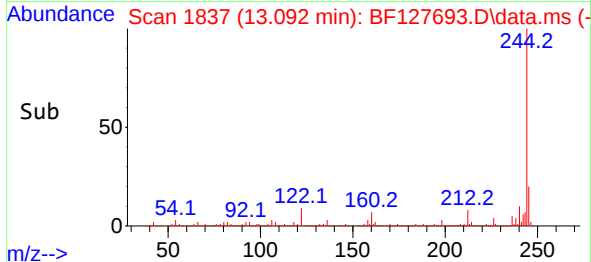
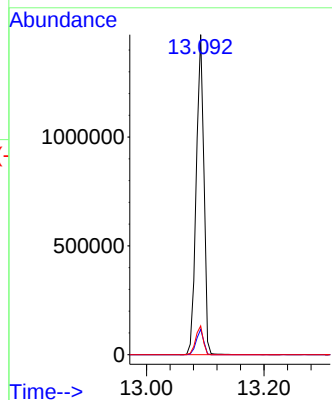
#79
 Terphenyl-d14
 Concen: 62.074 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127693.D
 Acq: 07 Apr 2022 19:59

Instrument :
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 FARMINGDALE-CLAY-1



Tgt Ion:244 Resp: 1329873

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	9.0	6.2	9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF127693.D
 Acq: 07 Apr 2022 19:59

Tgt Ion:264 Resp: 307294

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.0	17.4	26.2

