

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127971.D
 Acq On : 28 Apr 2022 10:26
 Operator : CG\JU
 Sample : PB144254BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144254BL

Quant Time: Apr 28 17:21:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	140581	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	554219	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	316790	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	574368	20.000	ng	0.00
76) Chrysene-d12	14.110	240	394663	20.000	ng	0.00
86) Perylene-d12	15.621	264	304737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1057576	119.823	ng	0.02
7) Phenol-d6	6.557	99	1397431	122.020	ng	0.00
23) Nitrobenzene-d5	7.498	82	1022721	86.775	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	372987	116.959	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1624259	86.740	ng	0.00
79) Terphenyl-d14	13.057	244	1771062	82.057	ng	0.00

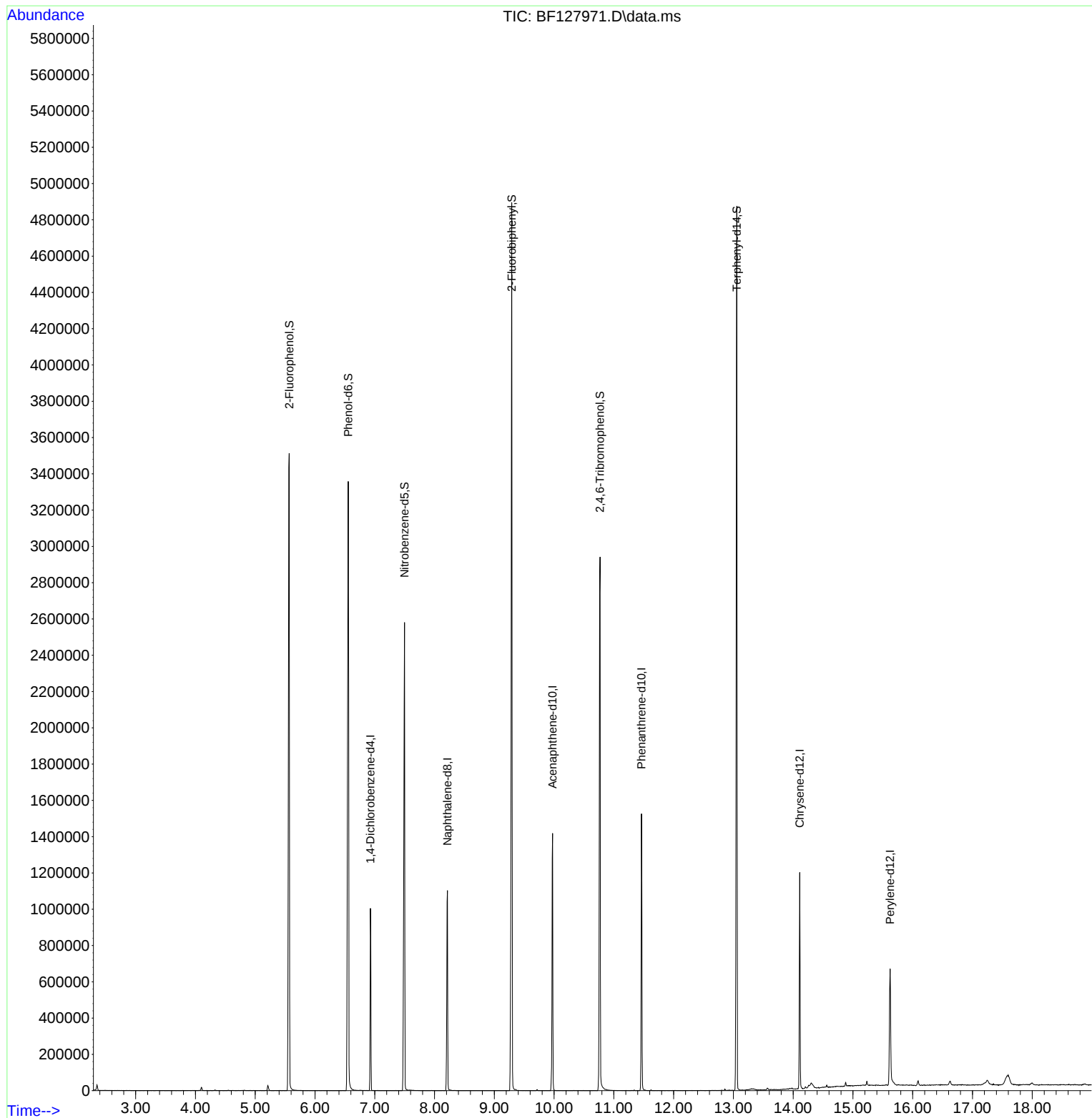
Target Compounds	Qvalue

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

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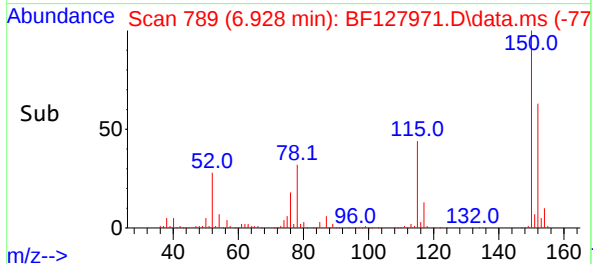
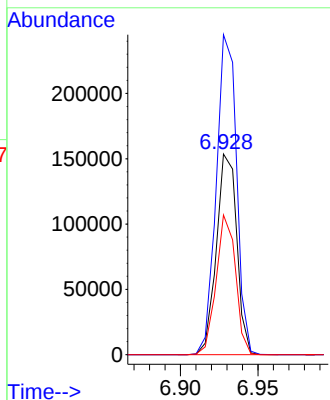
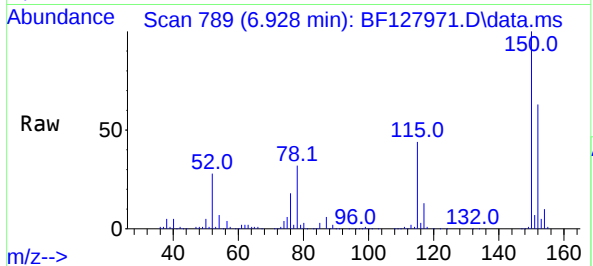




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

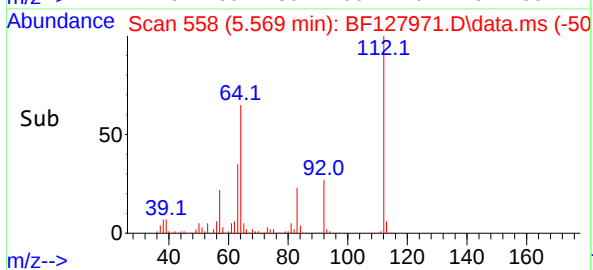
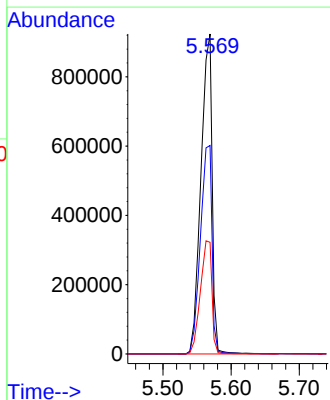
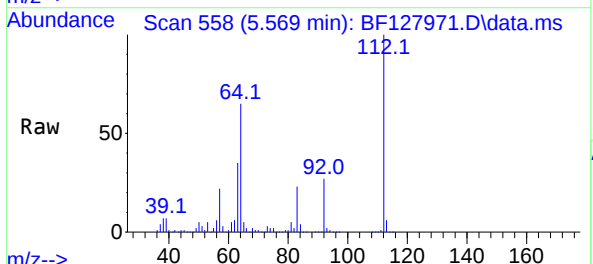
Instrument :
BNA_F
ClientSampleId :
PB144254BL

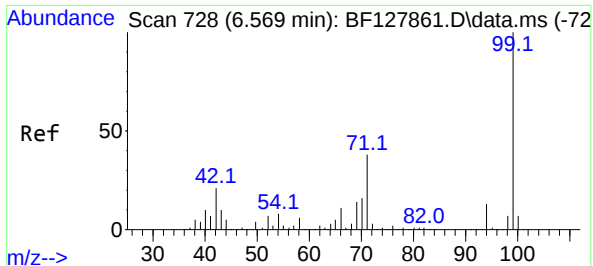
Tgt Ion:152 Resp: 140581
Ion Ratio Lower Upper
152 100
150 159.4 125.3 187.9
115 69.6 48.8 73.2



#5
2-Fluorophenol
Concen: 119.823 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.018 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

Tgt Ion:112 Resp: 1057576
Ion Ratio Lower Upper
112 100
64 65.1 49.5 74.3
63 34.9 26.3 39.5

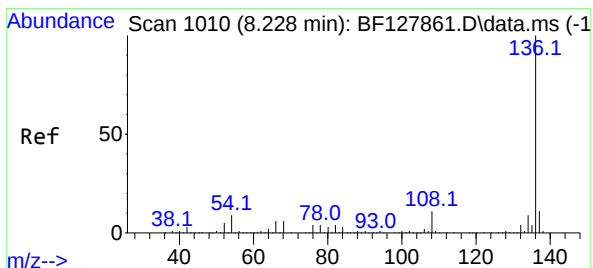
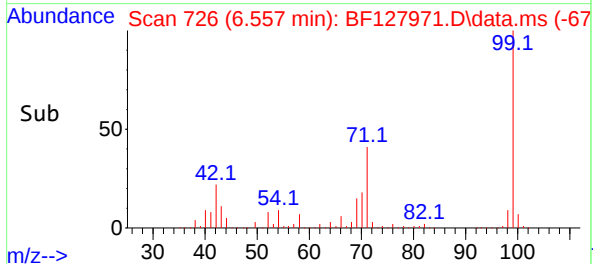
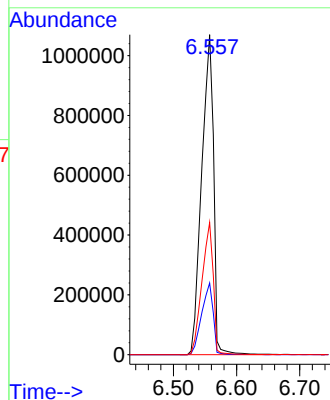
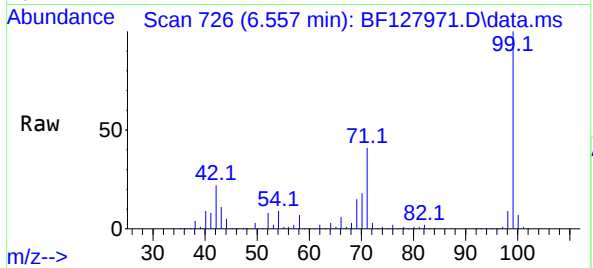




#7
Phenol-d6
Concen: 122.020 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

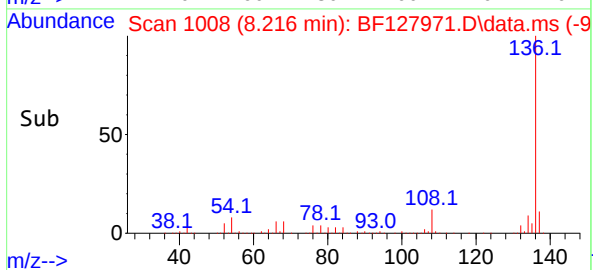
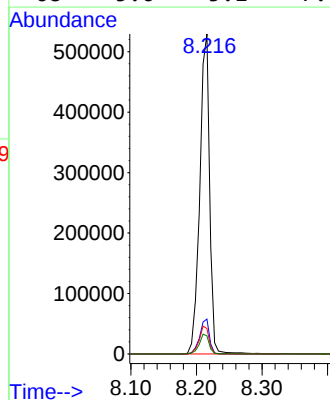
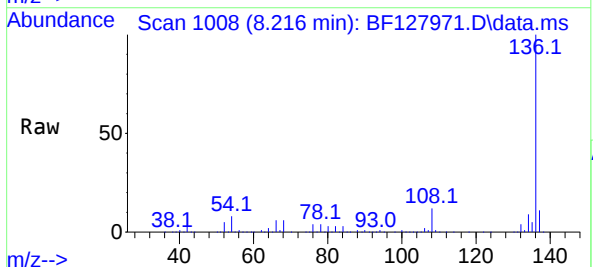
Instrument :
BNA_F
ClientSampleId :
PB144254BL

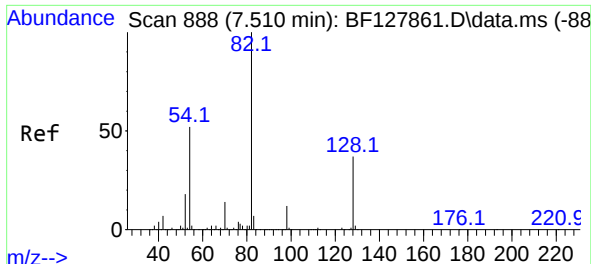
Tgt Ion: 99 Resp: 1397431
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 41.3 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

Tgt Ion: 136 Resp: 554219
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.0 6.8 10.2
68 5.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 86.775 ng

RT: 7.498 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127971.D

Acq: 28 Apr 2022 10:26

Instrument :

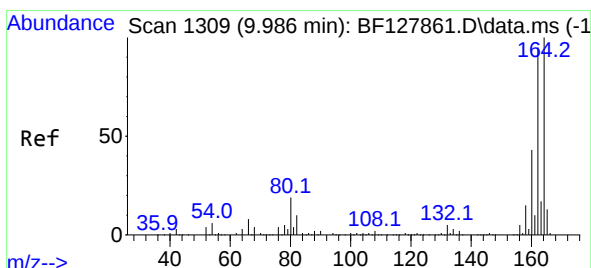
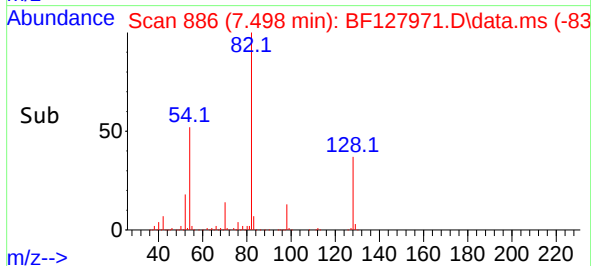
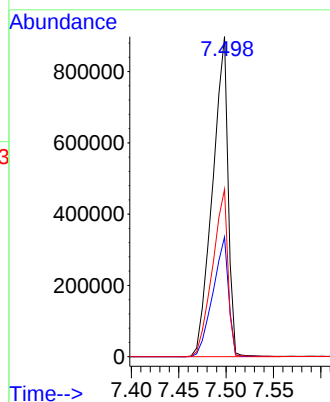
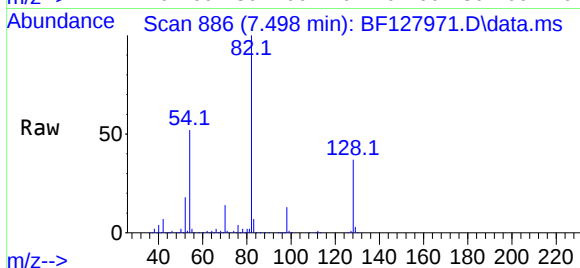
BNA_F

ClientSampleId :

PB144254BL

Tgt Ion: 82 Resp: 1022721

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.0	45.0
54	52.3	41.3	61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1307

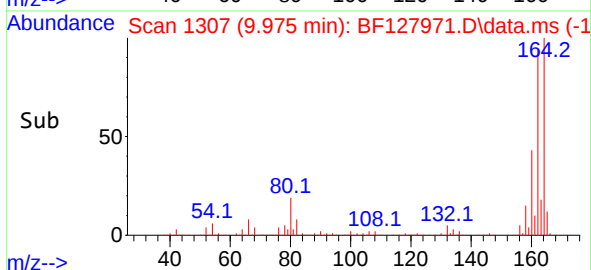
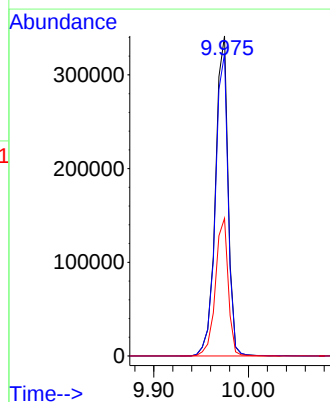
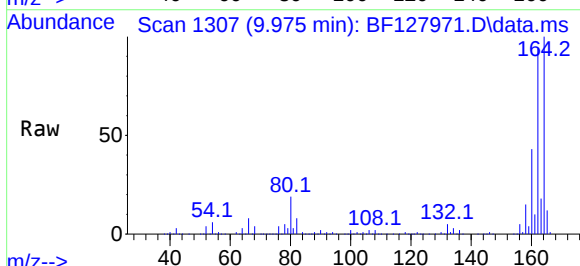
Delta R.T. 0.000 min

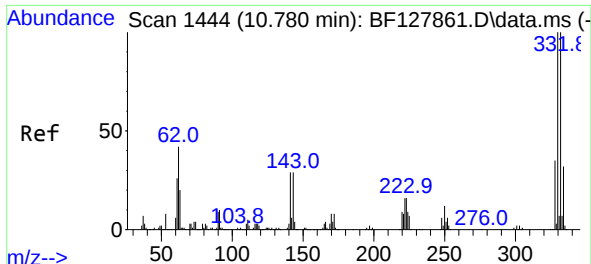
Lab File: BF127971.D

Acq: 28 Apr 2022 10:26

Tgt Ion: 164 Resp: 316790

Ion	Ratio	Lower	Upper
164	100		
162	94.4	76.0	114.0
160	43.0	34.8	52.2

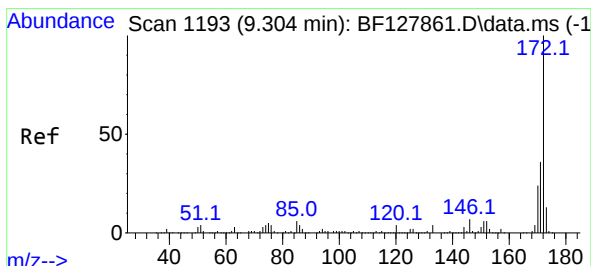
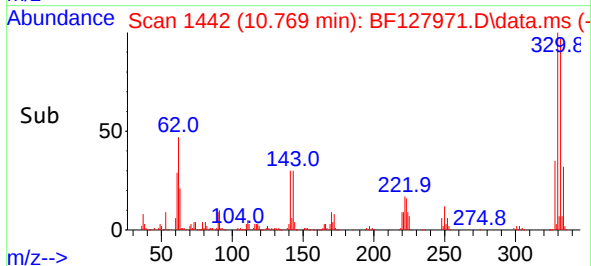
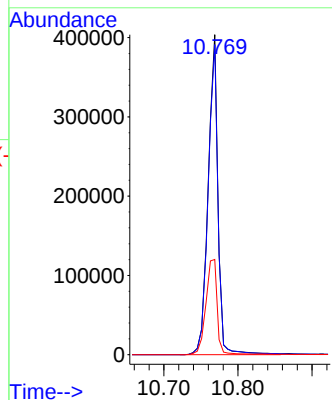
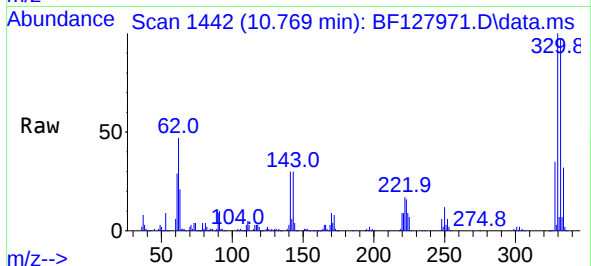




#42
2,4,6-Tribromophenol
Concen: 116.959 ng
RT: 10.769 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

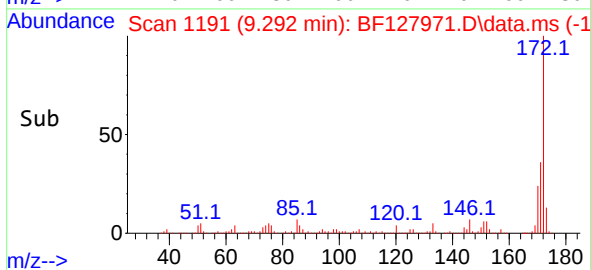
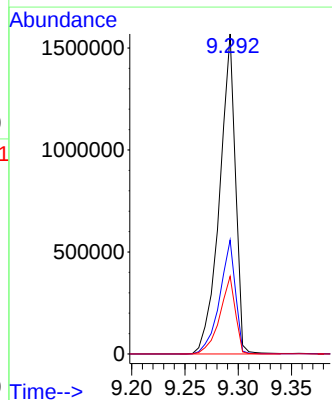
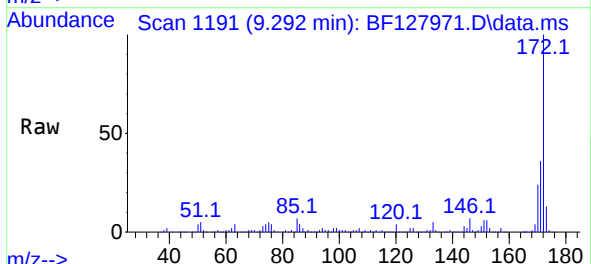
Instrument :
BNA_F
ClientSampleId :
PB144254BL

Tgt Ion:330 Resp: 372987
Ion Ratio Lower Upper
330 100
332 98.2 79.0 118.4
141 34.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 86.740 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

Tgt Ion:172 Resp: 1624259
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.2 19.1 28.7

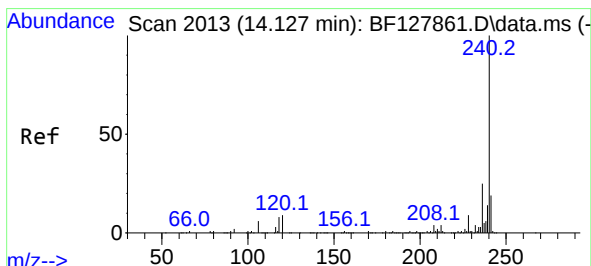
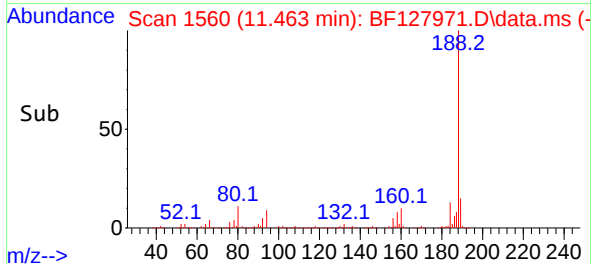
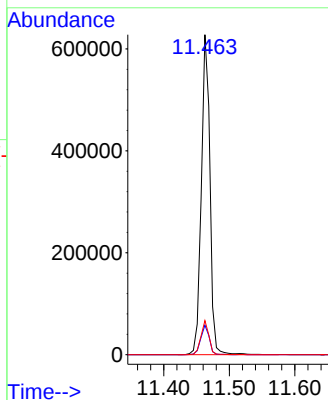
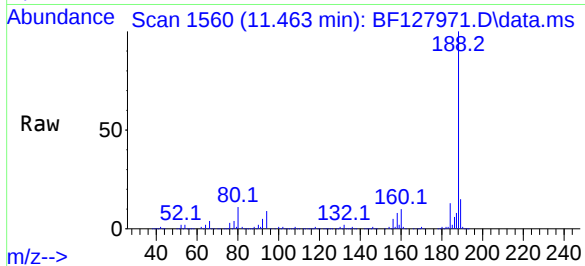




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

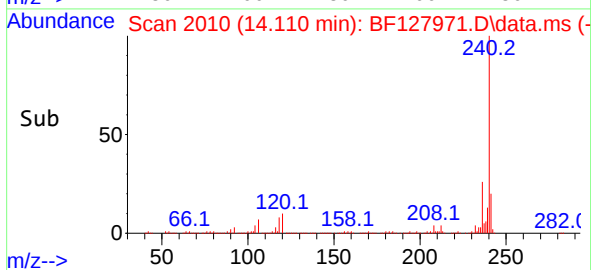
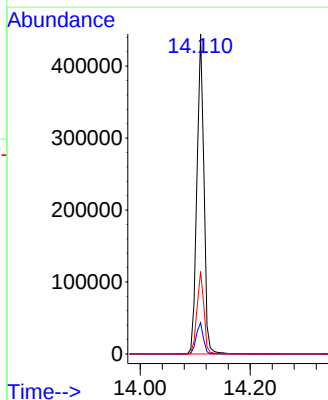
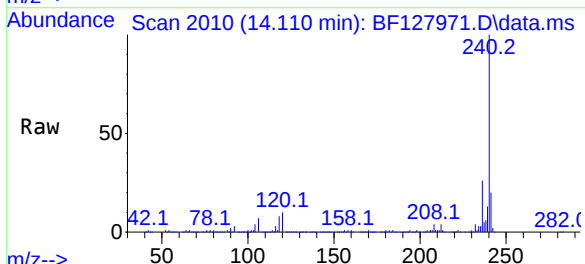
Instrument :
BNA_F
ClientSampleId :
PB144254BL

Tgt Ion:188 Resp: 574368
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.7 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

Tgt Ion:240 Resp: 394663
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.8 20.3 30.5



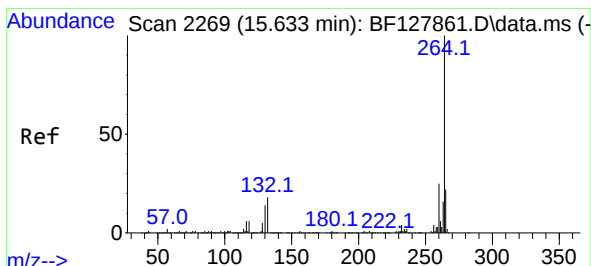
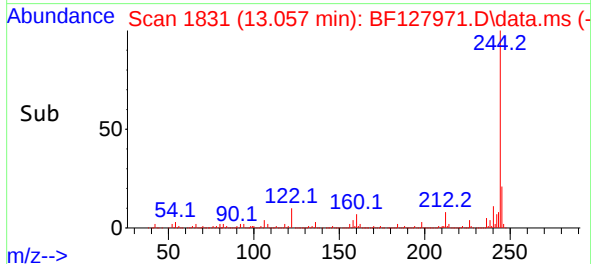
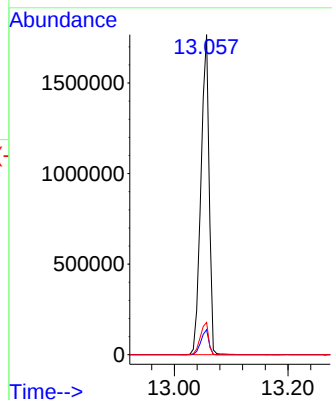
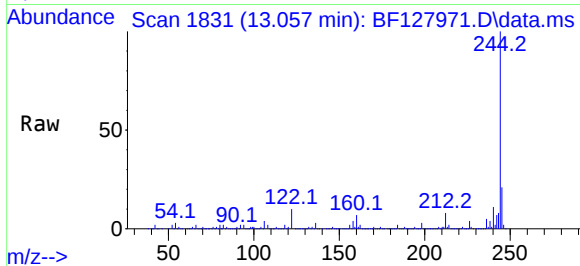


#79
 Terphenyl-d14
 Concen: 82.057 ng
 RT: 13.057 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF127971.D
 Acq: 28 Apr 2022 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB144254BL

Tgt Ion:244 Resp: 1771062

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	10.1	8.6	12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BF127971.D
 Acq: 28 Apr 2022 10:26

Tgt Ion:264 Resp: 304737

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	21.4	17.5	26.3

