

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120222\
 Data File : BF131499.D
 Acq On : 02 Dec 2022 16:57
 Operator : CG\JU
 Sample : N5848-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Quant Time: Dec 05 00:03:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 05 00:00:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	68001	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	268894	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	128509	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	231584	20.000	ng	0.00
76) Chrysene-d12	14.133	240	201778	20.000	ng	0.00
86) Perylene-d12	15.656	264	185213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	389194	108.928	ng	0.01
7) Phenol-d6	6.545	99	565426	124.033	ng	-0.01
23) Nitrobenzene-d5	7.492	82	362899	68.031	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	148426	137.285	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	723152	81.866	ng	0.00
79) Terphenyl-d14	13.074	244	900334	72.966	ng	0.00

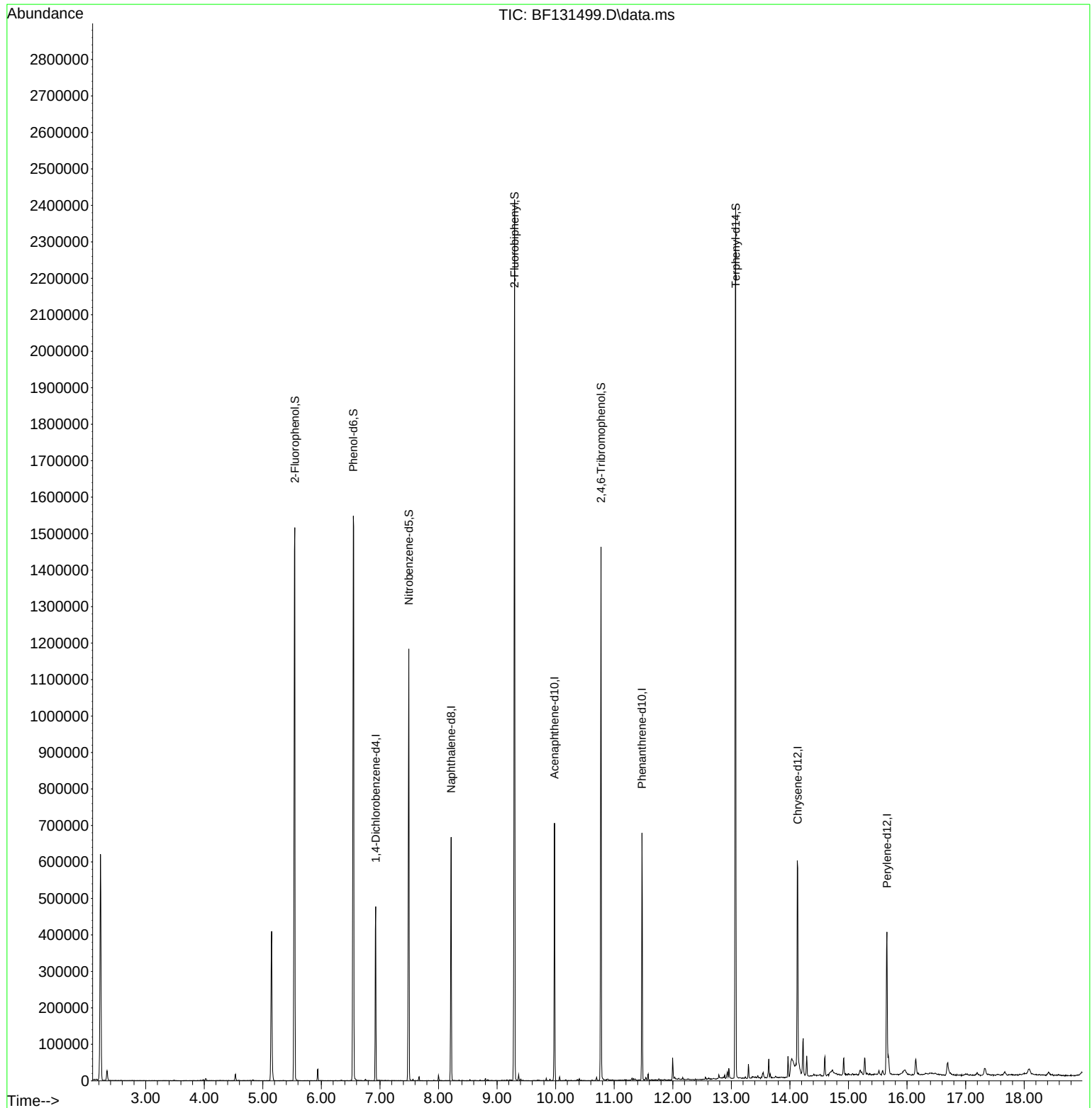
Target Compounds	Qvalue

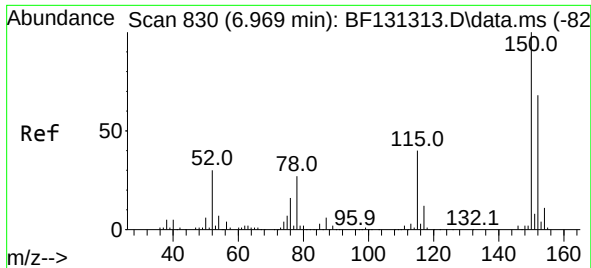
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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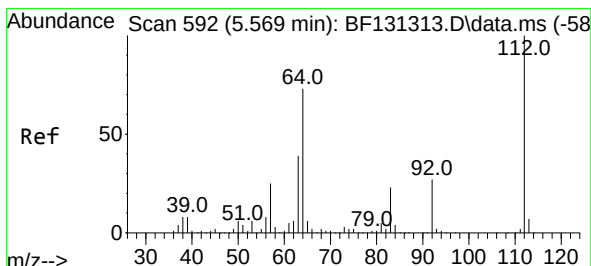
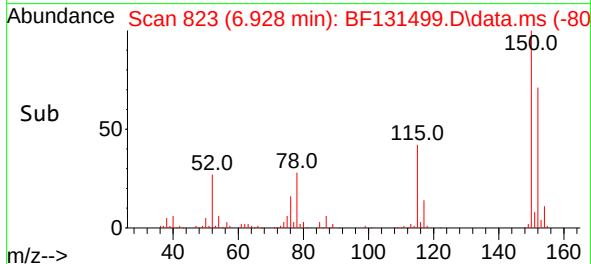
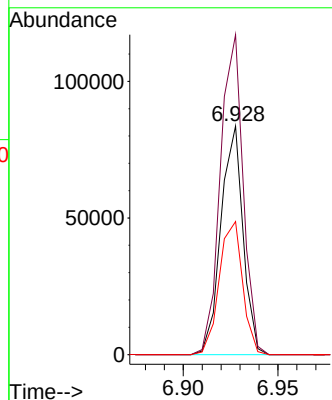
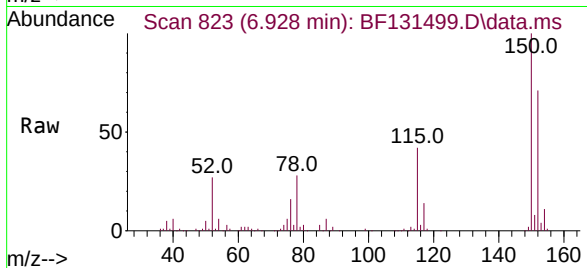




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131499.D
 Acq: 02 Dec 2022 16:57

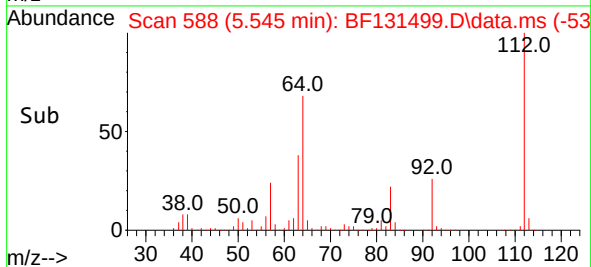
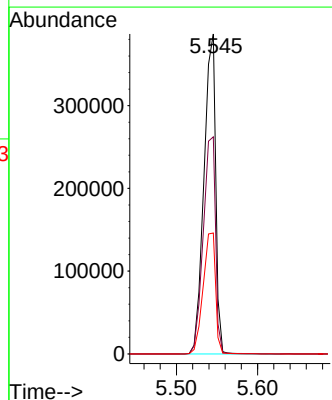
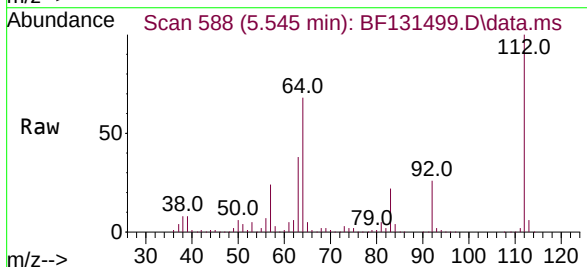
Instrument :
 BNA_F
 ClientSampleId :
 PE-1

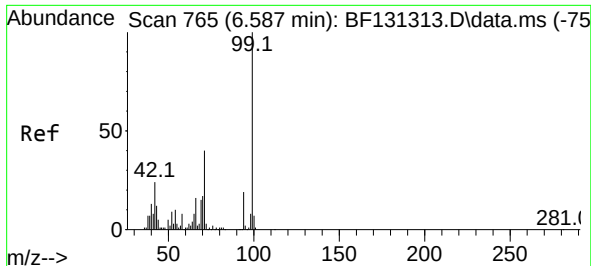
Tgt Ion:152 Resp: 68001
 Ion Ratio Lower Upper
 152 100
 150 140.0 117.8 176.8
 115 58.2 47.1 70.7



#5
 2-Fluorophenol
 Concen: 108.928 ng
 RT: 5.545 min Scan# 588
 Delta R.T. 0.012 min
 Lab File: BF131499.D
 Acq: 02 Dec 2022 16:57

Tgt Ion:112 Resp: 389194
 Ion Ratio Lower Upper
 112 100
 64 67.8 58.6 88.0
 63 37.8 31.4 47.0

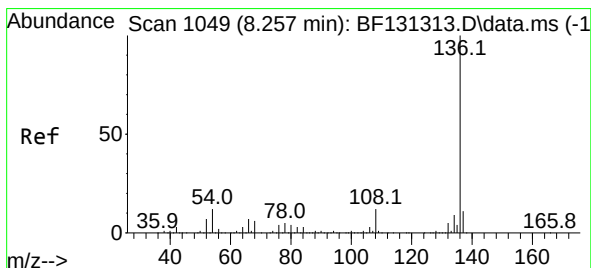
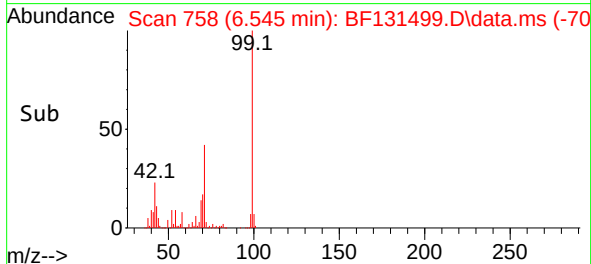
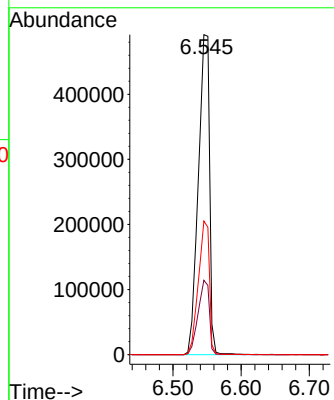
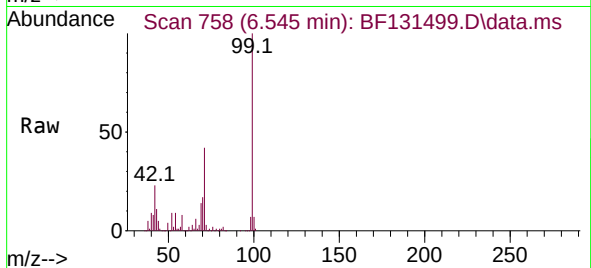




#7
Phenol-d6
Concen: 124.033 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

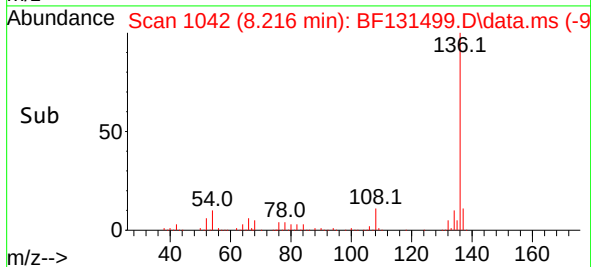
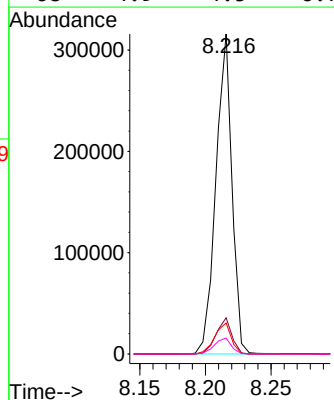
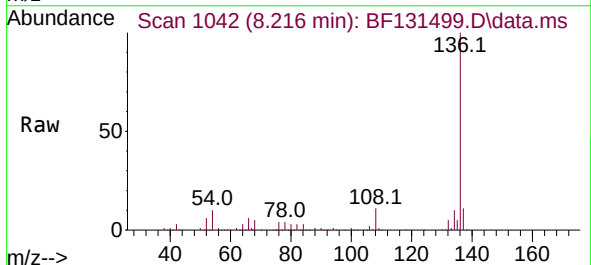
Instrument :
BNA_F
ClientSampleId :
PE-1

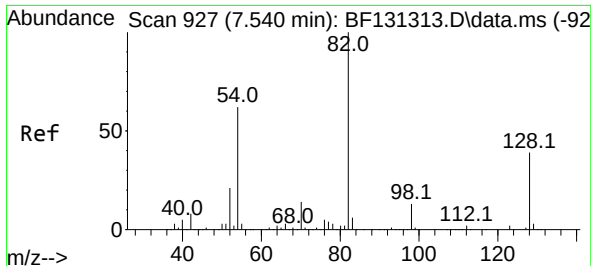
Tgt Ion: 99 Resp: 565426
Ion Ratio Lower Upper
99 100
42 23.2 19.4 29.2
71 41.7 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

Tgt Ion: 136 Resp: 268894
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.7 9.4 14.0
68 4.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 68.031 ng

RT: 7.492 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131499.D

Acq: 02 Dec 2022 16:57

Instrument :

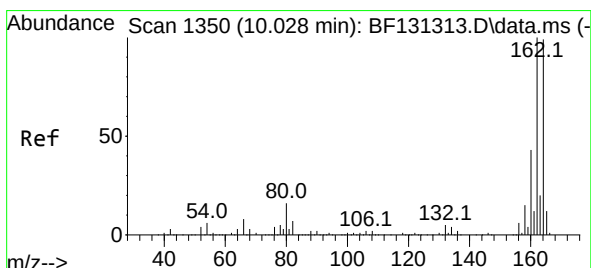
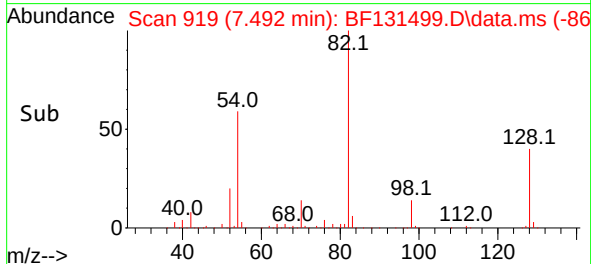
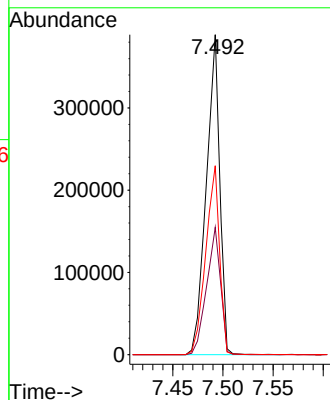
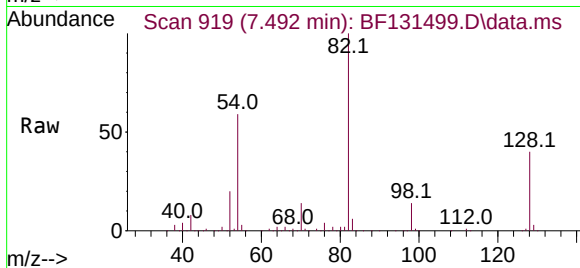
BNA_F

ClientSampleId :

PE-1

Tgt Ion: 82 Resp: 362899

Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.4	47.0
54	59.0	49.8	74.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1342

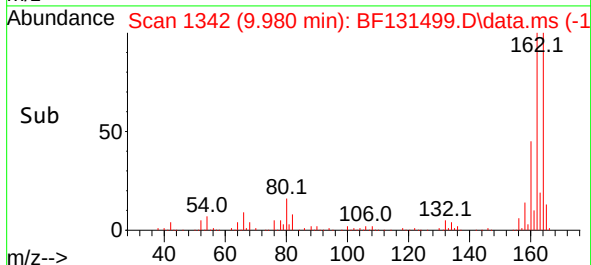
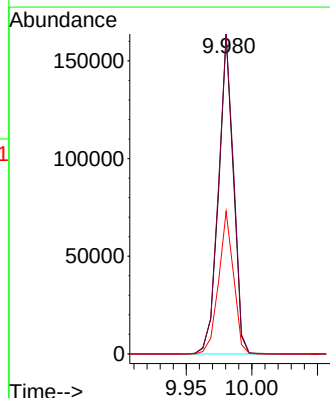
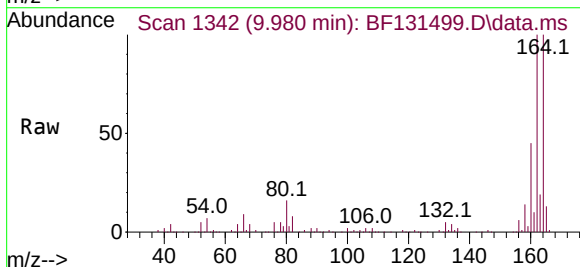
Delta R.T. -0.006 min

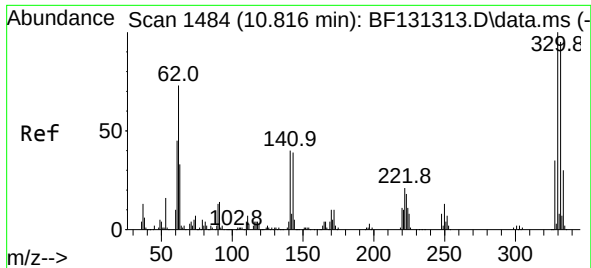
Lab File: BF131499.D

Acq: 02 Dec 2022 16:57

Tgt Ion:164 Resp: 128509

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.6	120.8
160	44.6	34.4	51.6

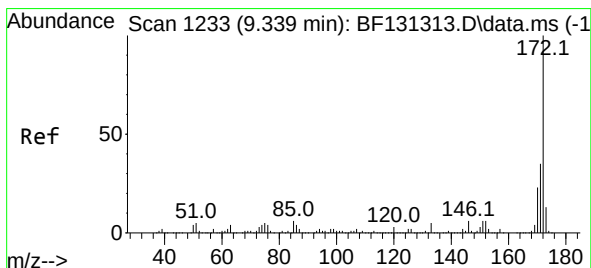
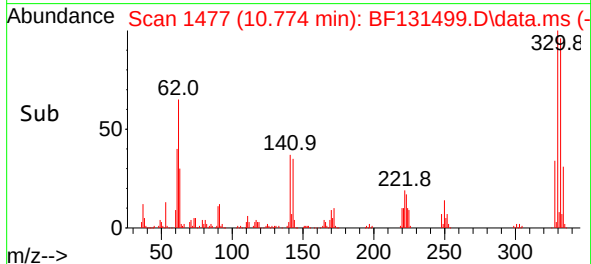
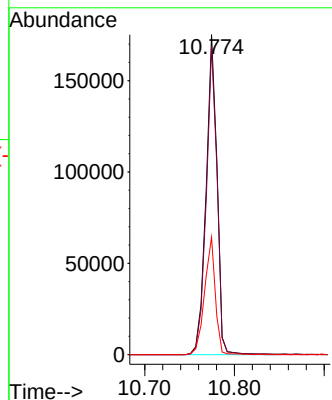
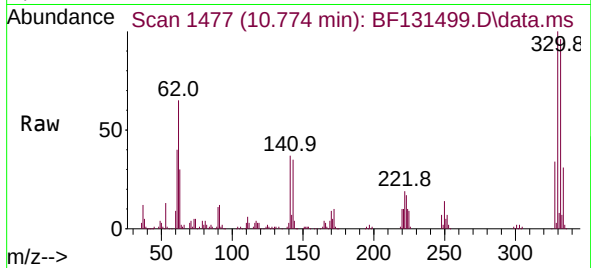




#42
 2,4,6-Tribromophenol
 Concen: 137.285 ng
 RT: 10.774 min Scan# 1484
 Delta R.T. -0.006 min
 Lab File: BF131499.D
 Acq: 02 Dec 2022 16:57

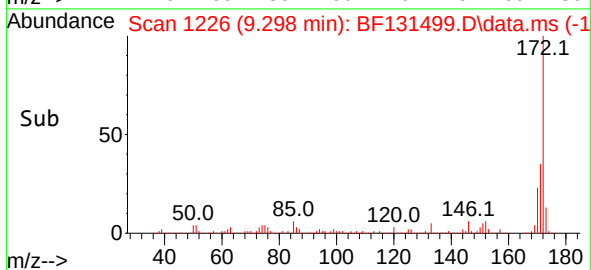
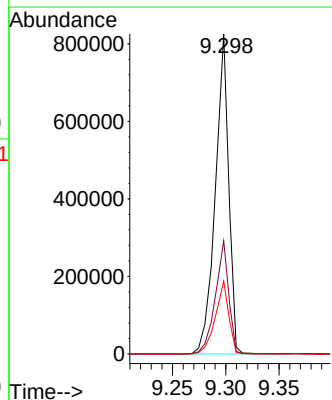
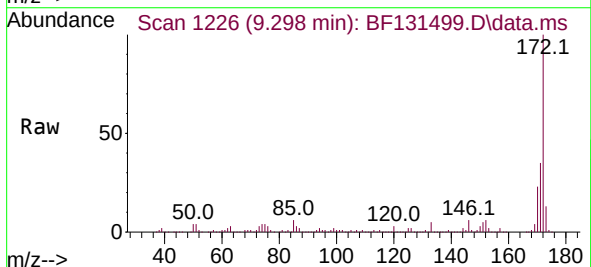
Instrument :
 BNA_F
 ClientSampleId :
 PE-1

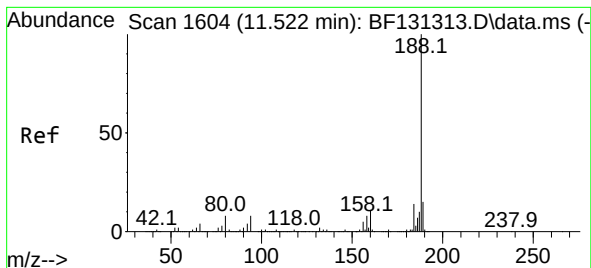
Tgt Ion:330 Resp: 148426
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.5 116.3
 141 36.0 29.3 43.9



#45
 2-Fluorobiphenyl
 Concen: 81.866 ng
 RT: 9.298 min Scan# 1226
 Delta R.T. -0.006 min
 Lab File: BF131499.D
 Acq: 02 Dec 2022 16:57

Tgt Ion:172 Resp: 723152
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.2
 170 22.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.474 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131499.D

Acq: 02 Dec 2022 16:57

Instrument :

BNA_F

ClientSampleId :

PE-1

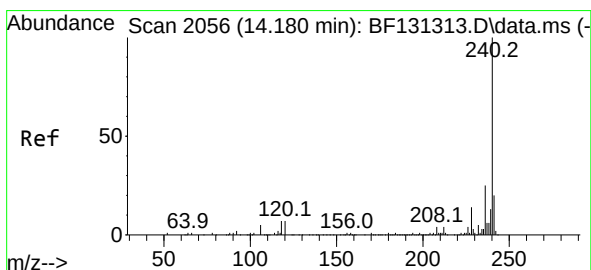
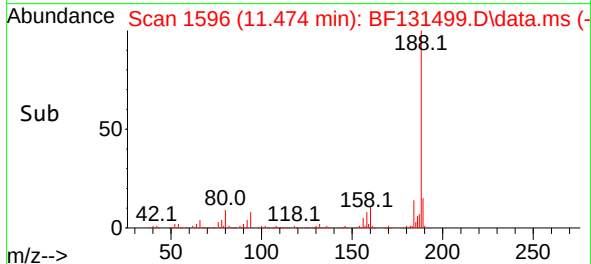
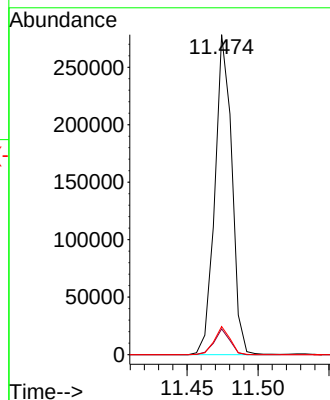
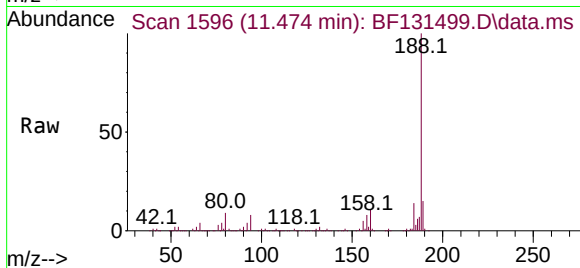
Tgt Ion:188 Resp: 231584

Ion Ratio Lower Upper

188 100

94 8.0 6.3 9.5

80 8.8 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BF131499.D

Acq: 02 Dec 2022 16:57

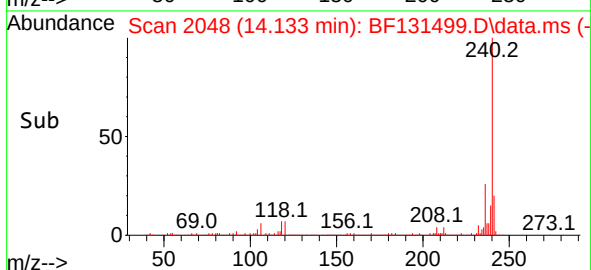
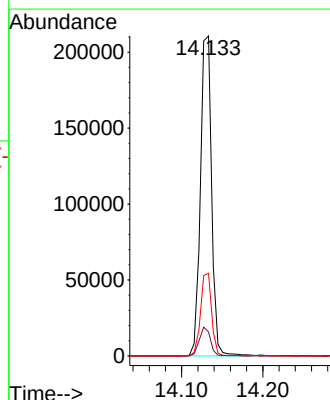
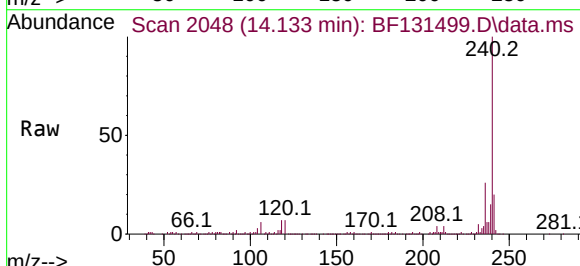
Tgt Ion:240 Resp: 201778

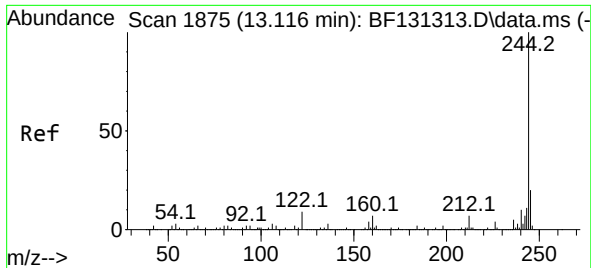
Ion Ratio Lower Upper

240 100

120 7.5 5.8 8.8

236 25.8 20.3 30.5

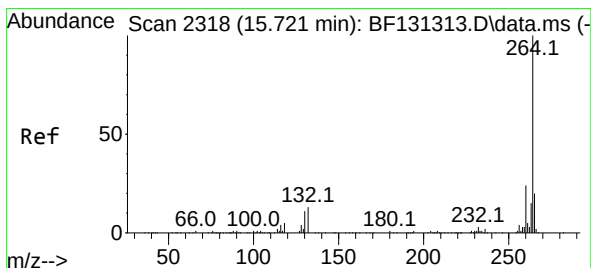
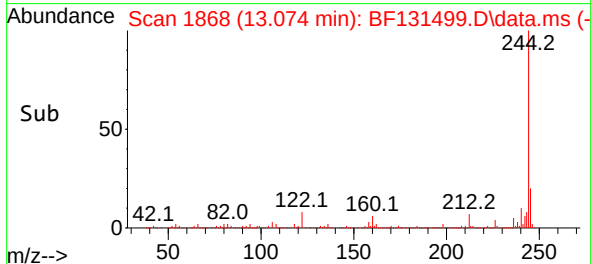
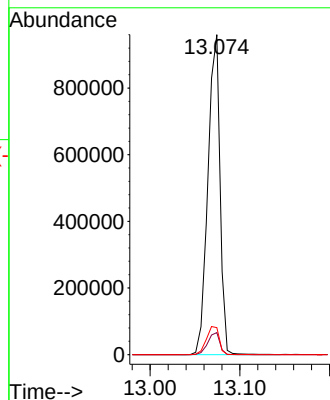
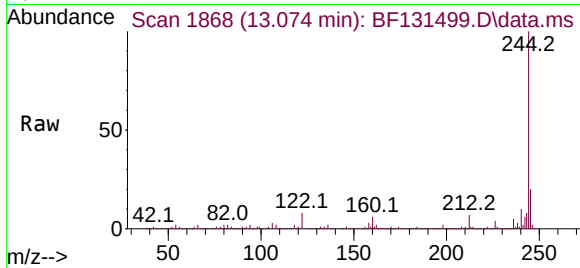




#79
 Terphenyl-d14
 Concen: 72.966 ng
 RT: 13.074 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131499.D
 Acq: 02 Dec 2022 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Tgt Ion:244 Resp: 900334
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 8.4 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF131499.D
 Acq: 02 Dec 2022 16:57

Tgt Ion:264 Resp: 185213
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.5 16.4 24.6

