

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130497.D
 Acq On : 03 Oct 2022 14:26
 Operator : CG\JU
 Sample : N4888-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Quant Time: Oct 04 03:15:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	77705	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	395056	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	206113	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	335735	20.000	ng	#-0.01
76) Chrysene-d12	13.780	240	145345	20.000	ng	-0.01
86) Perylene-d12	15.168	264	150322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	637350	142.264	ng	0.00
7) Phenol-d6	6.281	99	810970	144.672	ng	-0.01
23) Nitrobenzene-d5	7.204	82	539918	69.822	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	164523	83.305	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	860637	60.804	ng	-0.01
79) Terphenyl-d14	12.733	244	711030	81.036	ng	-0.01

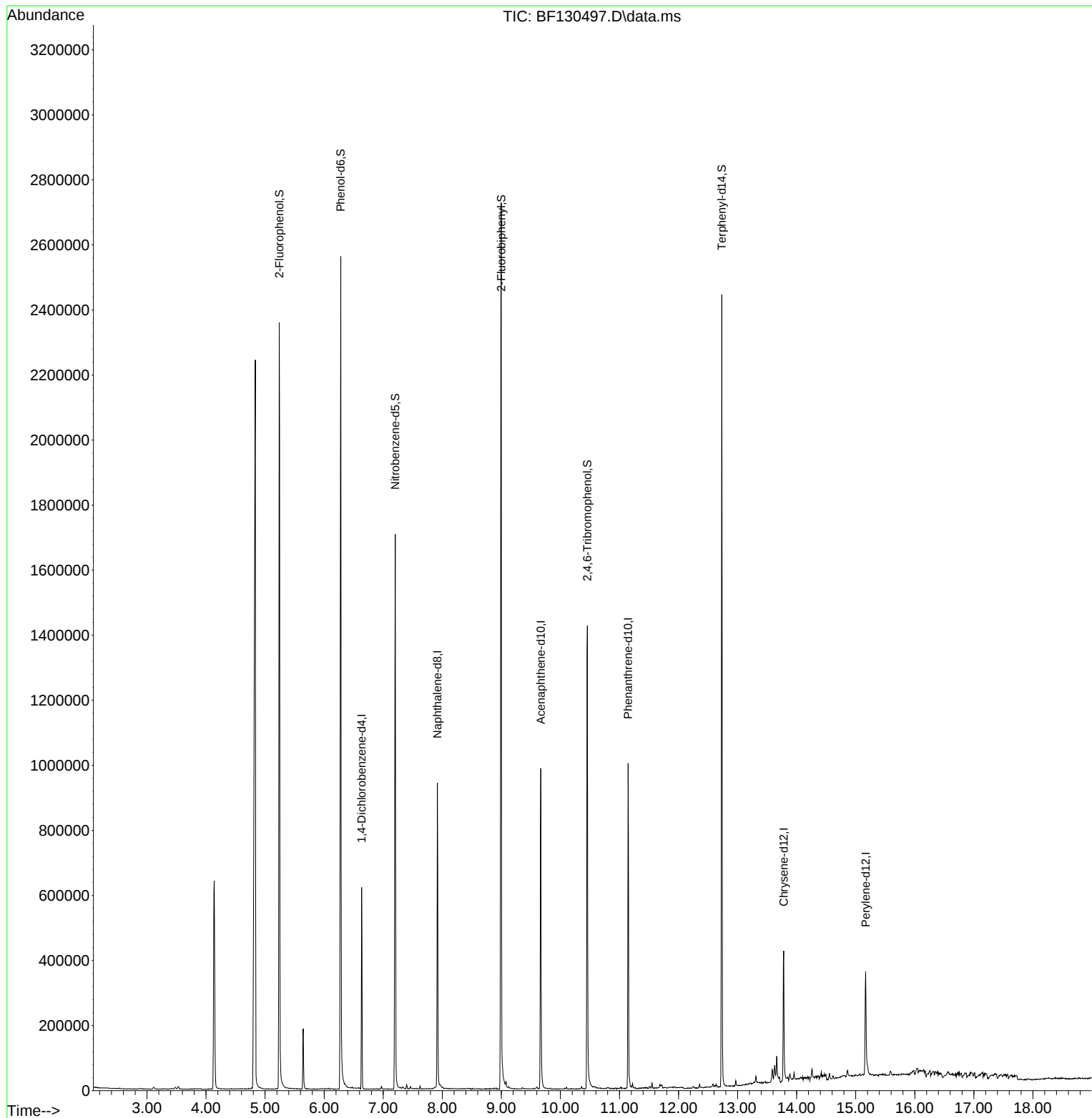
Target Compounds	Qvalue

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

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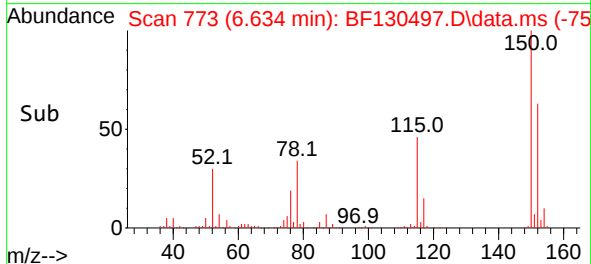
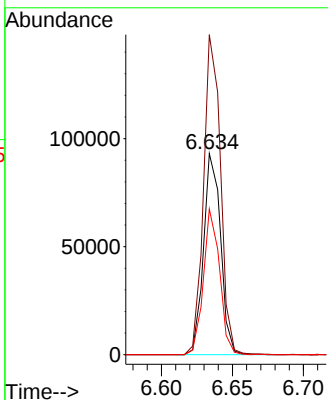
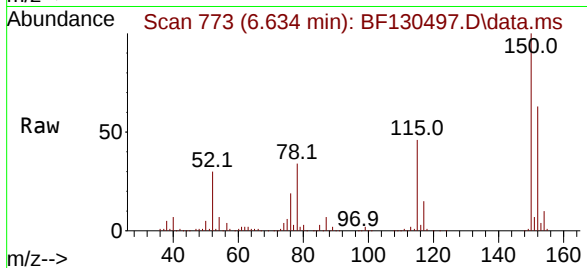




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130497.D
 Acq: 03 Oct 2022 14:26

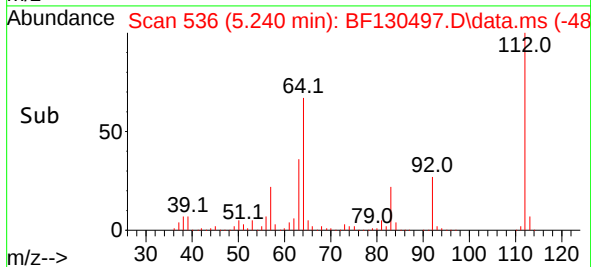
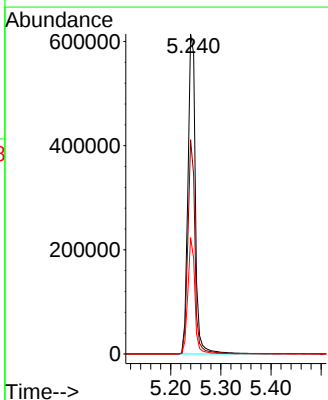
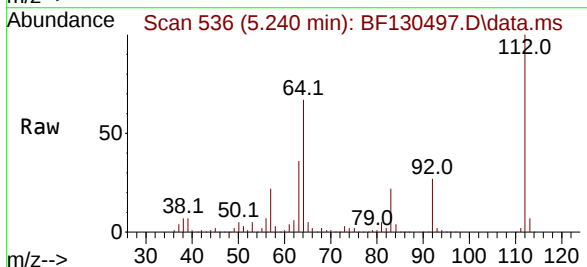
Instrument :
 BNA_F
 ClientSampleId :
 T-2

Tgt Ion:152 Resp: 77705
 Ion Ratio Lower Upper
 152 100
 150 159.1 122.8 184.2
 115 72.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 142.264 ng
 RT: 5.240 min Scan# 536
 Delta R.T. -0.006 min
 Lab File: BF130497.D
 Acq: 03 Oct 2022 14:26

Tgt Ion:112 Resp: 637350
 Ion Ratio Lower Upper
 112 100
 64 67.0 51.4 77.0
 63 36.4 28.8 43.2





#7
Phenol-d6
Concen: 144.672 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

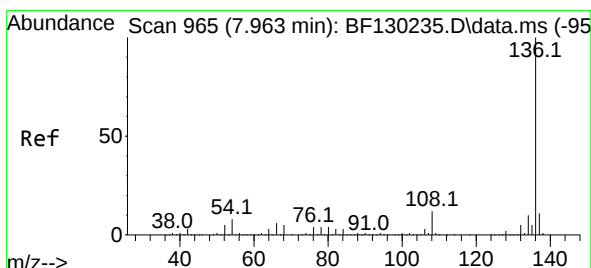
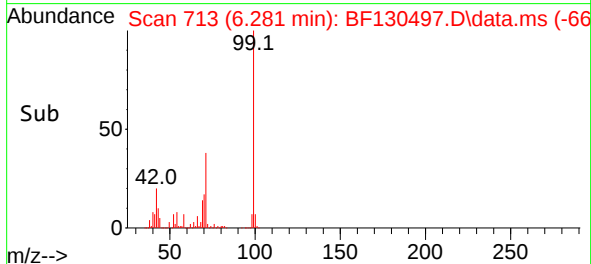
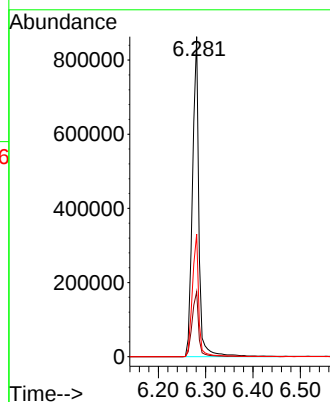
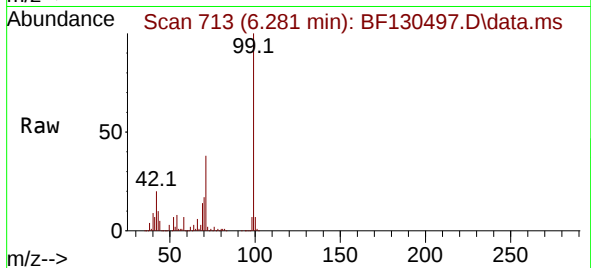
Instrument :

BNA_F

ClientSampleId :

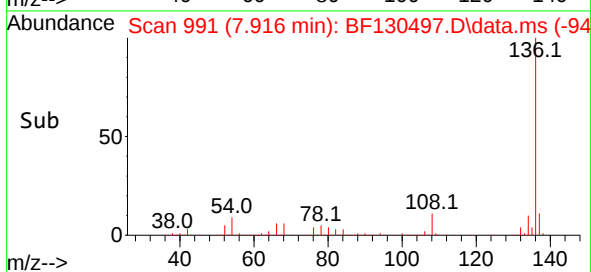
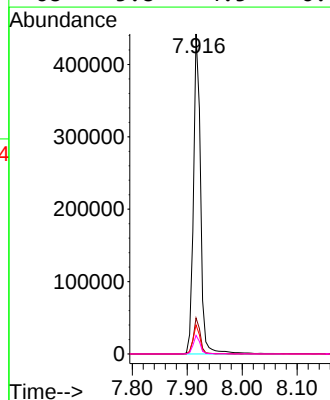
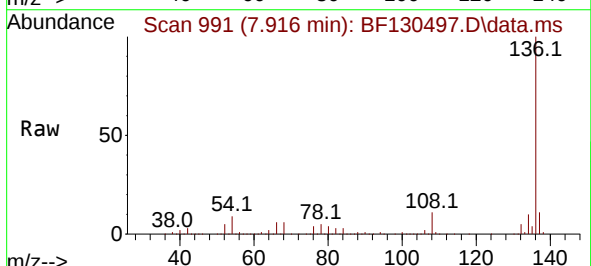
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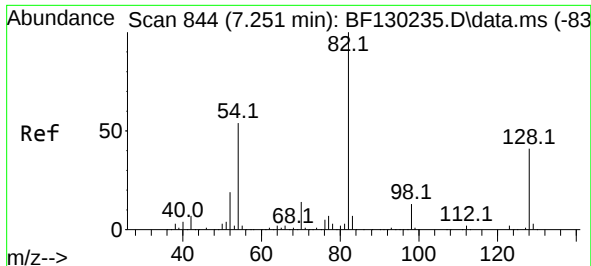
Tgt Ion: 99 Resp: 810970
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 38.3 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

Tgt Ion:136 Resp: 395056
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.1 7.1 10.7
68 5.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 69.822 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130497.D

Acq: 03 Oct 2022 14:26

Instrument :

BNA_F

ClientSampleId :

T-2

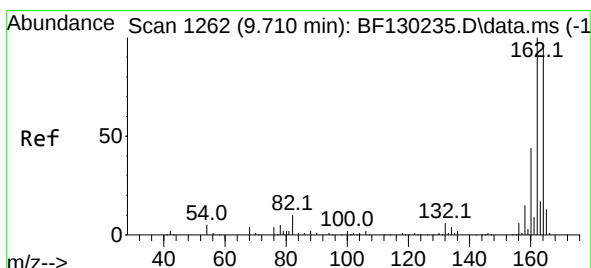
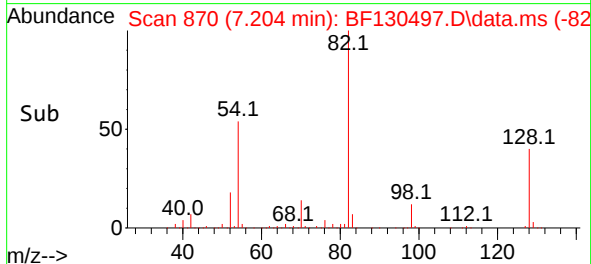
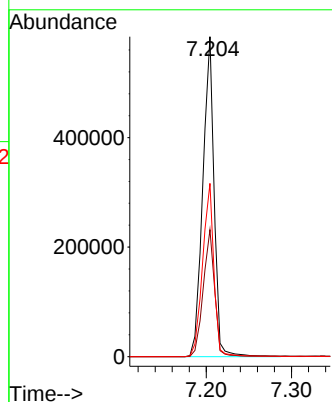
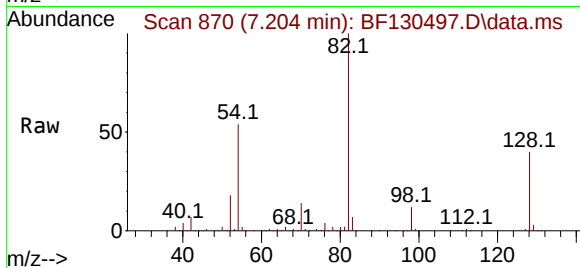
Tgt Ion: 82 Resp: 539918

Ion Ratio Lower Upper

82 100

128 39.7 32.6 49.0

54 54.2 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF130497.D

Acq: 03 Oct 2022 14:26

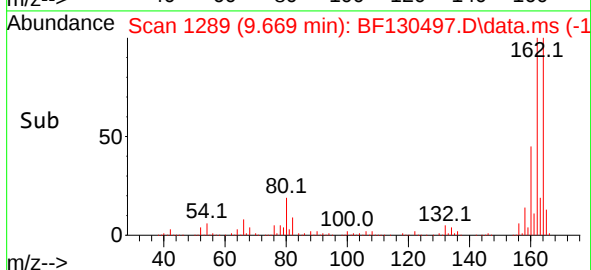
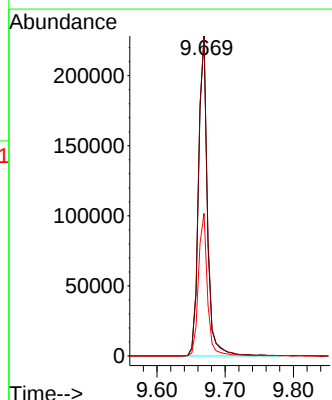
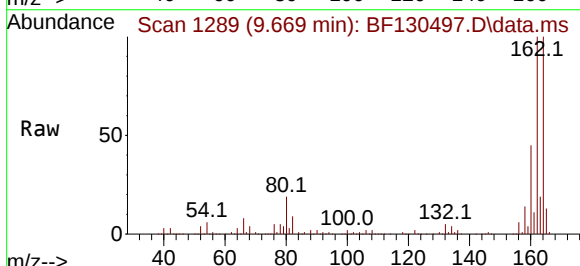
Tgt Ion:164 Resp: 206113

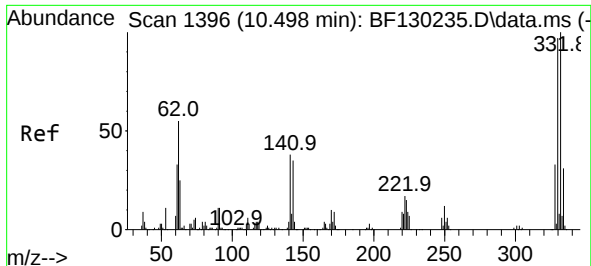
Ion Ratio Lower Upper

164 100

162 99.7 81.4 122.0

160 44.6 36.2 54.4

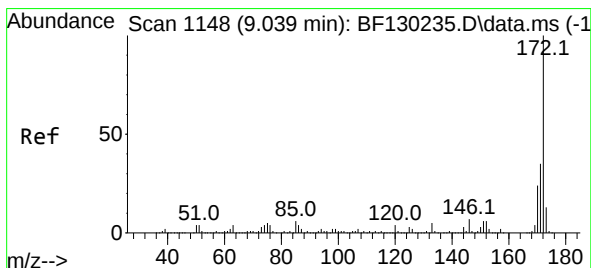
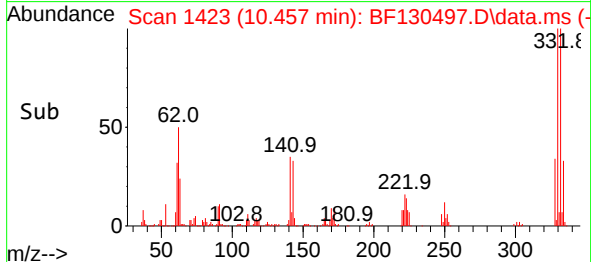
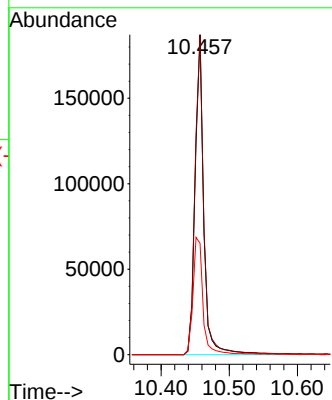
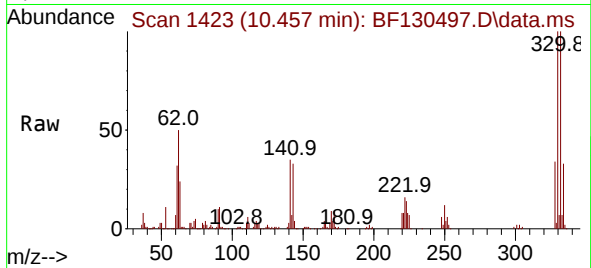




#42
2,4,6-Tribromophenol
Concen: 83.305 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

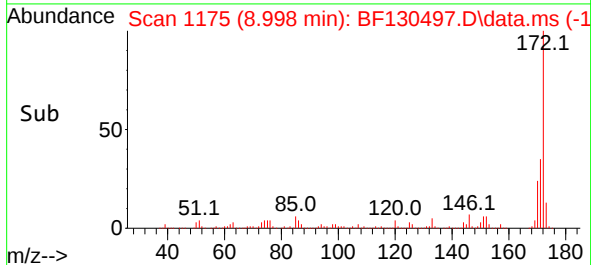
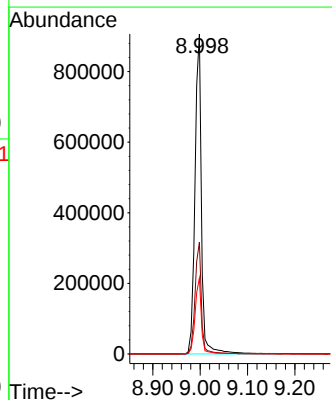
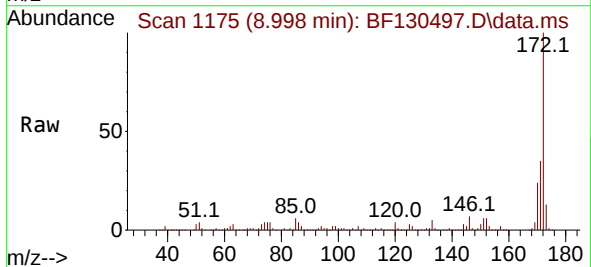
Instrument :
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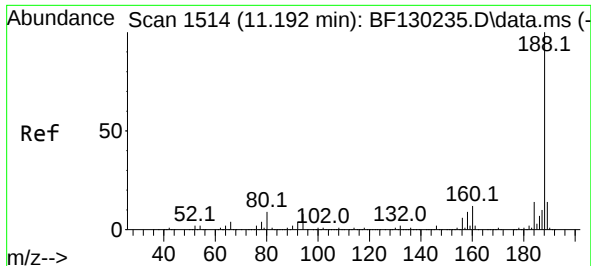
Tgt Ion:330 Resp: 164523
Ion Ratio Lower Upper
330 100
332 101.9 83.4 125.2
141 43.0 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 60.804 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

Tgt Ion:172 Resp: 860637
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.7 18.7 28.1

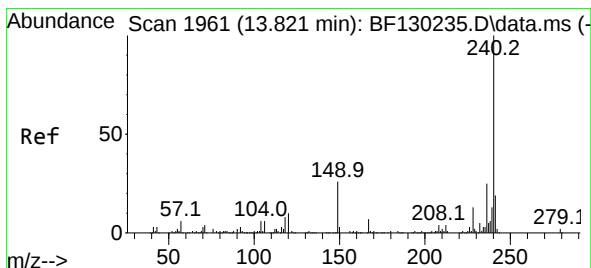
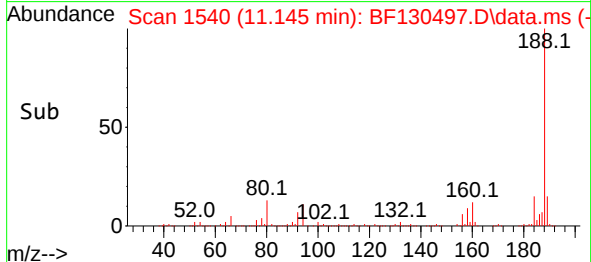
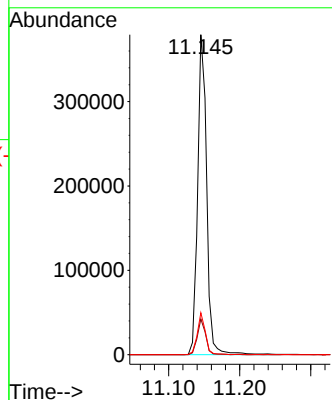
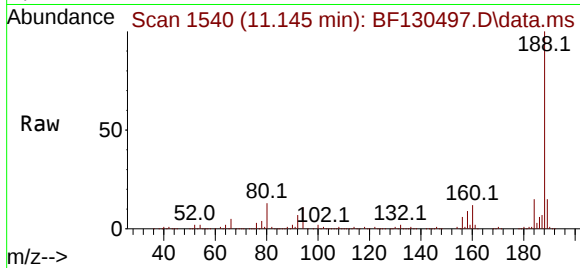




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

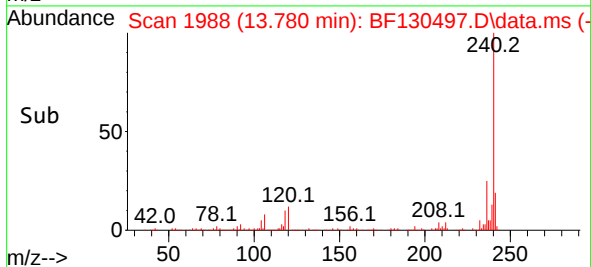
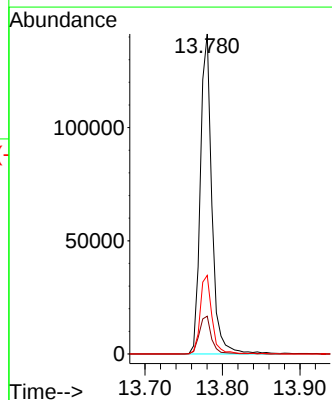
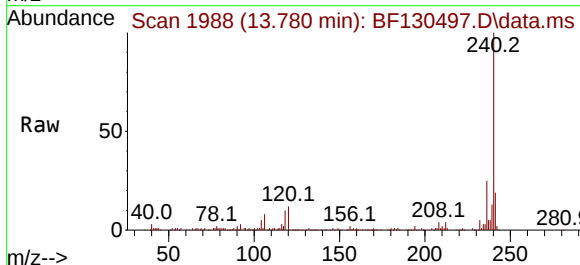
Instrument :
BNA_F
ClientSampleId :
T-2

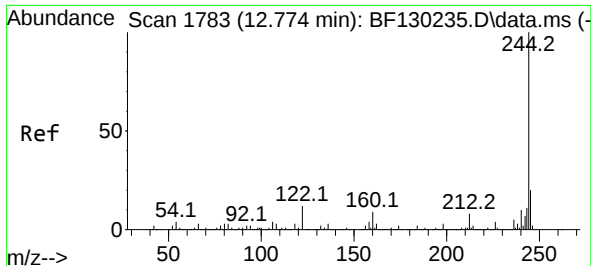
Tgt Ion:188 Resp: 335735
Ion Ratio Lower Upper
188 100
94 11.1 7.4 11.2
80 13.1 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

Tgt Ion:240 Resp: 145345
Ion Ratio Lower Upper
240 100
120 11.8 8.7 13.1
236 24.5 20.9 31.3

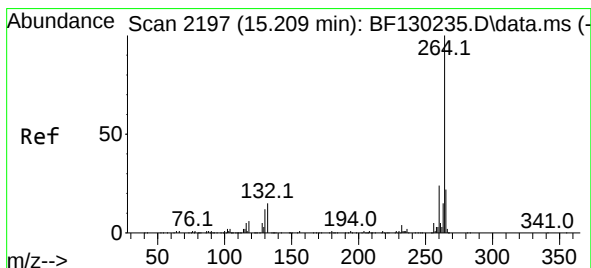
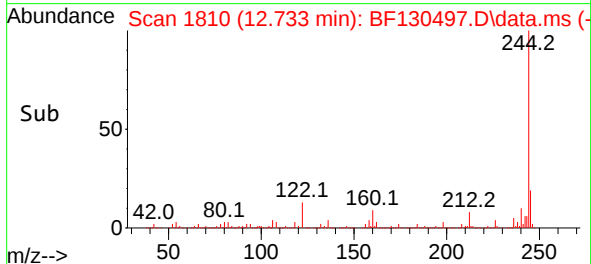
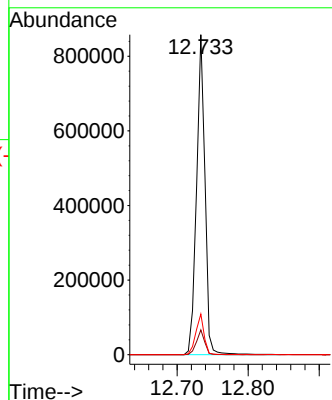
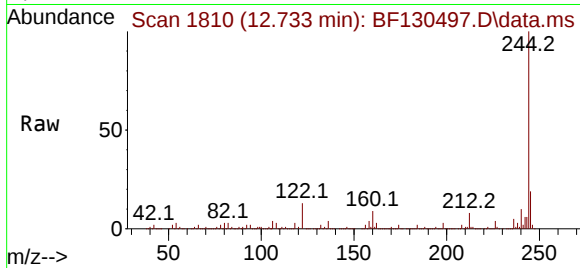




#79
 Terphenyl-d14
 Concen: 81.036 ng
 RT: 12.733 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130497.D
 Acq: 03 Oct 2022 14:26

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Tgt Ion:244 Resp: 711030
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 12.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130497.D
 Acq: 03 Oct 2022 14:26

Tgt Ion:264 Resp: 150322
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.9 17.0 25.4

