

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131757.D
 Acq On : 21 Dec 2022 21:30
 Operator : CG\JU
 Sample : N6161-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N40305

Quant Time: Dec 22 05:50:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	88830	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	319765	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	191571	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	378362	20.000	ng	0.00
76) Chrysene-d12	14.057	240	299535	20.000	ng	0.00
86) Perylene-d12	15.557	264	270997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	736259	139.567	ng	0.02
7) Phenol-d6	6.498	99	879482	123.864	ng	0.00
23) Nitrobenzene-d5	7.434	82	740454	94.005	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	338019	161.206	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1297795	94.899	ng	0.00
79) Terphenyl-d14	13.004	244	1727308	89.874	ng	0.00

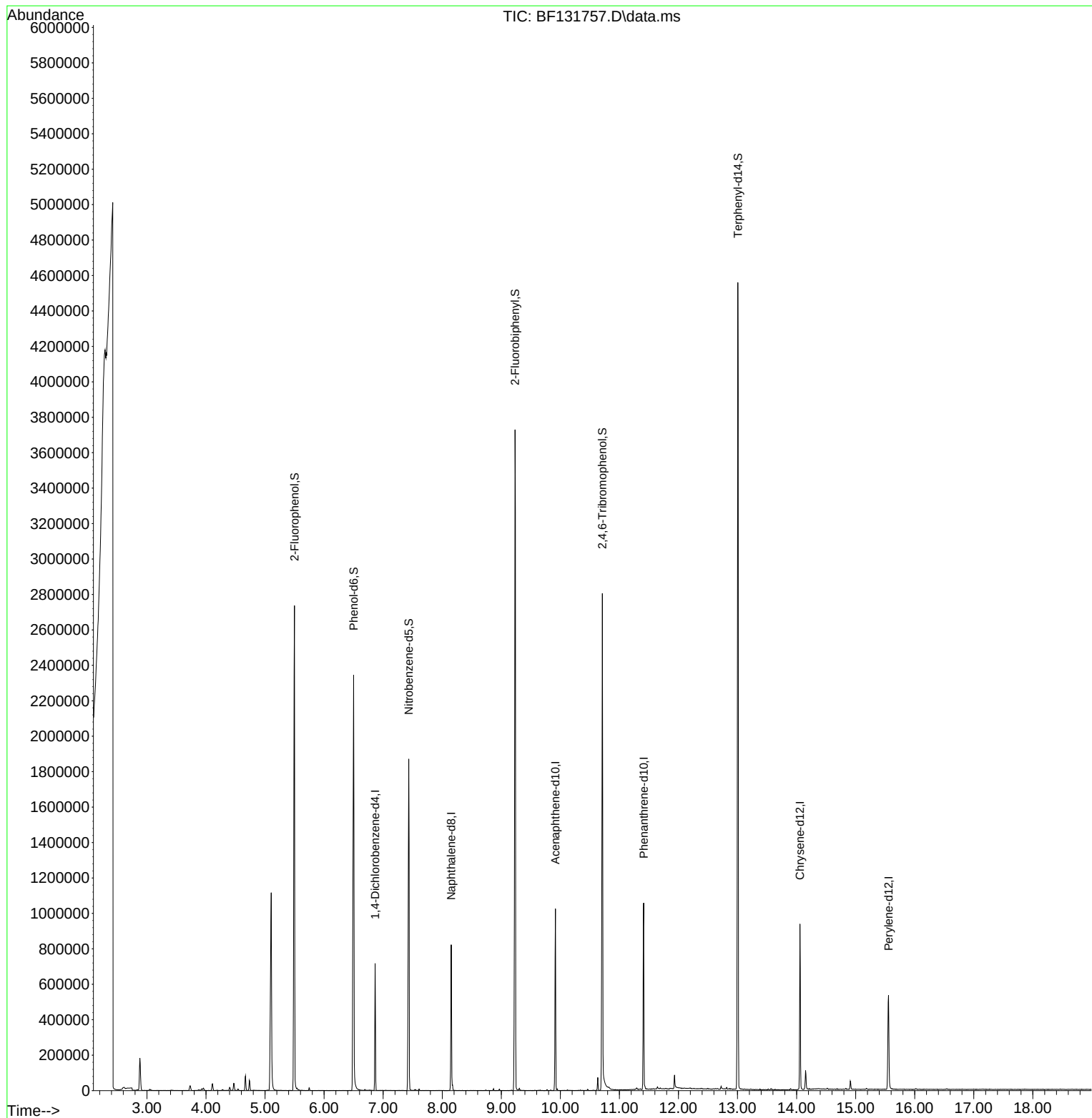
Target Compounds Qvalue

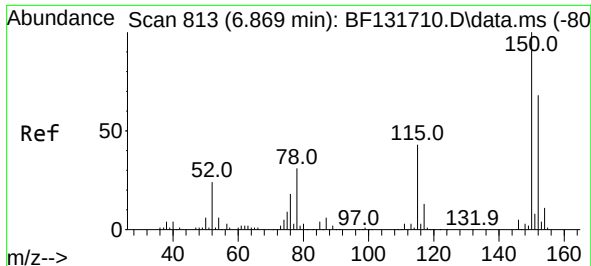
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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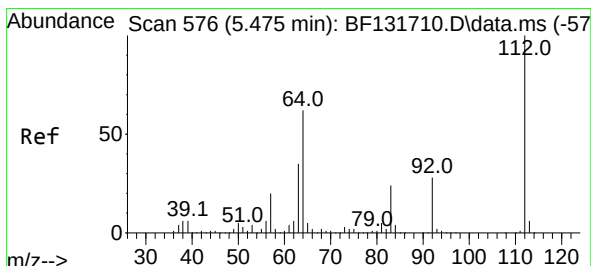
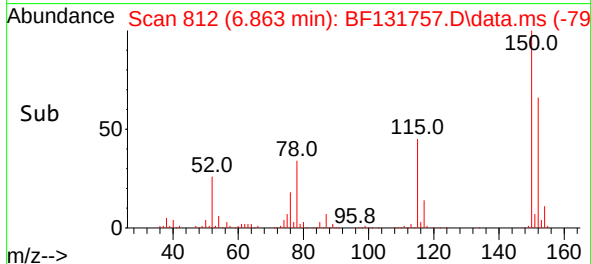
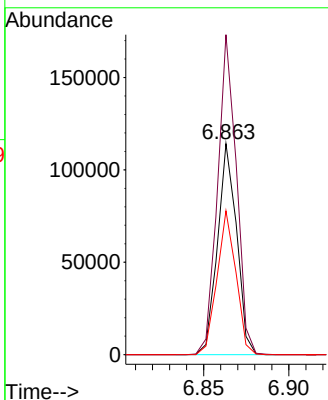
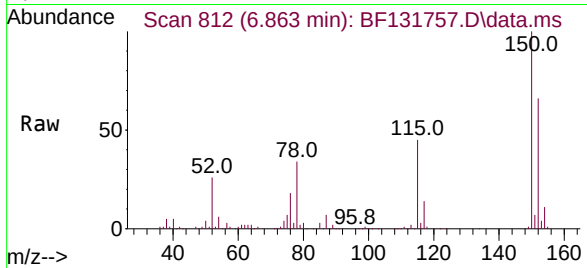




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

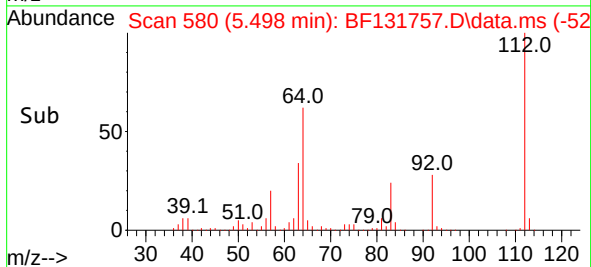
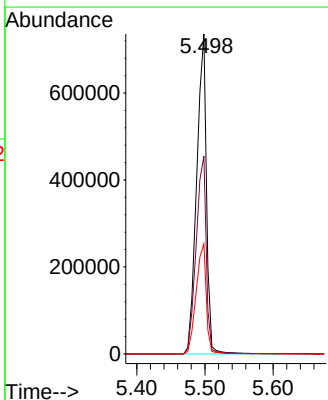
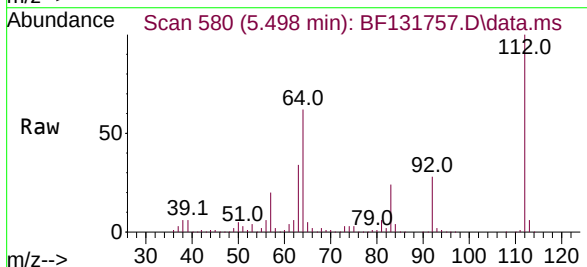
Instrument :
BNA_F
ClientSampleId :
N40305

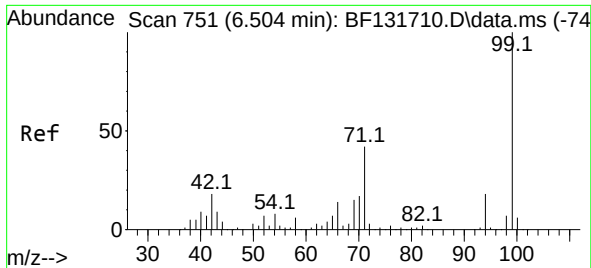
Tgt Ion:152 Resp: 88830
Ion Ratio Lower Upper
152 100
150 151.7 117.4 176.0
115 68.2 50.2 75.4



#5
2-Fluorophenol
Concen: 139.567 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

Tgt Ion:112 Resp: 736259
Ion Ratio Lower Upper
112 100
64 61.8 49.5 74.3
63 34.4 28.2 42.2

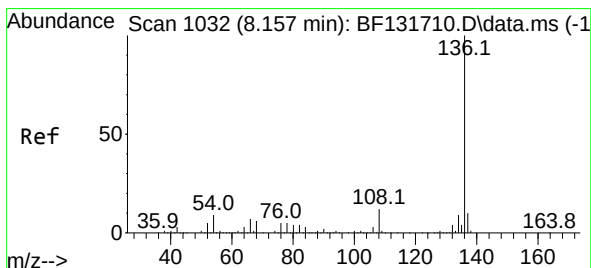
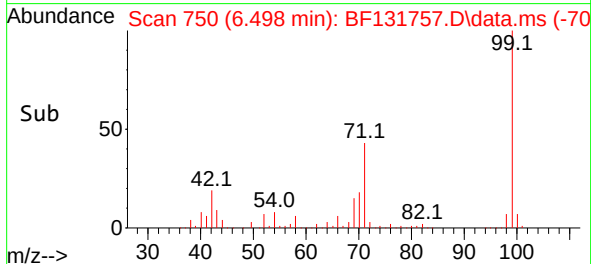
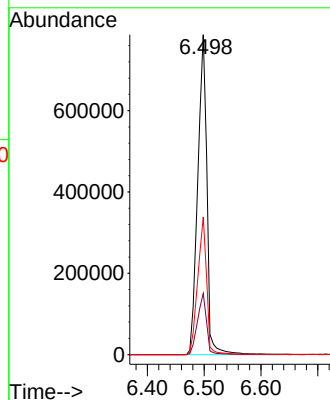
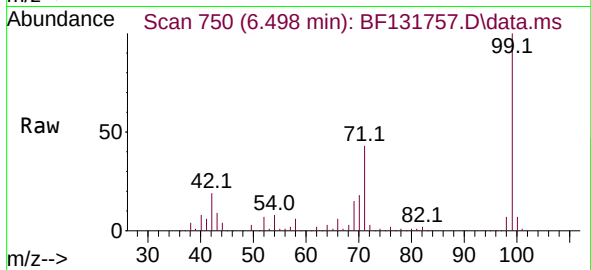




#7
Phenol-d6
Concen: 123.864 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

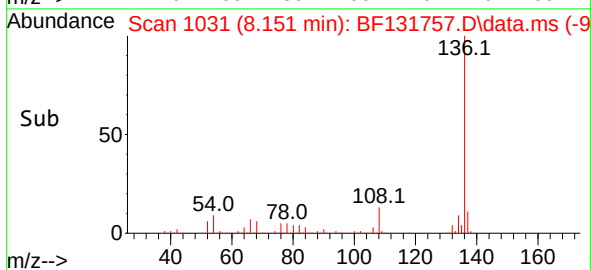
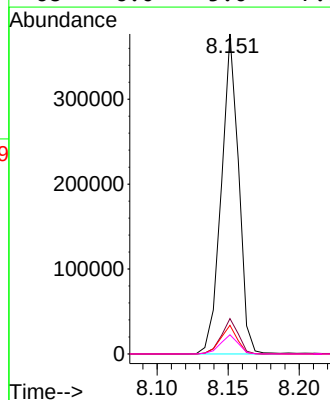
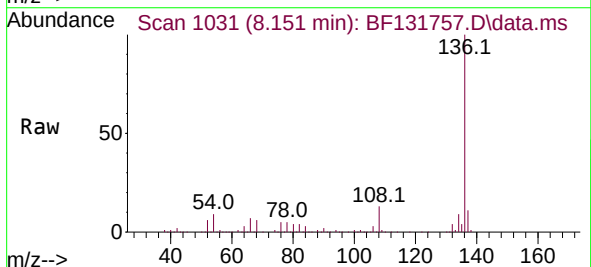
Instrument :
BNA_F
ClientSampleId :
N40305

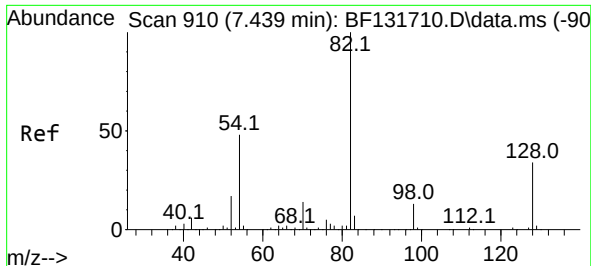
Tgt Ion: 99 Resp: 879482
Ion Ratio Lower Upper
99 100
42 19.1 14.8 22.2
71 43.0 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

Tgt Ion: 136 Resp: 319765
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.9 7.2 10.8
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 94.005 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131757.D

Acq: 21 Dec 2022 21:30

Instrument :

BNA_F

ClientSampleId :

N40305

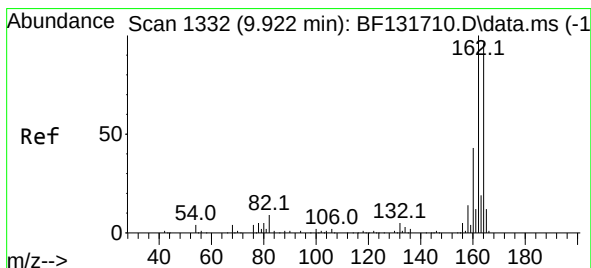
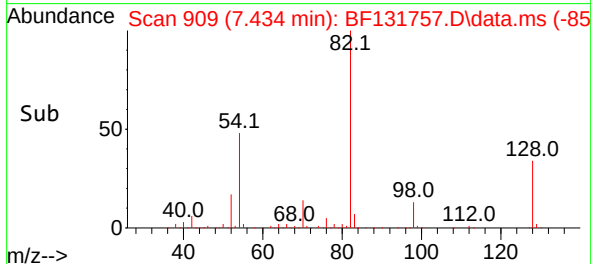
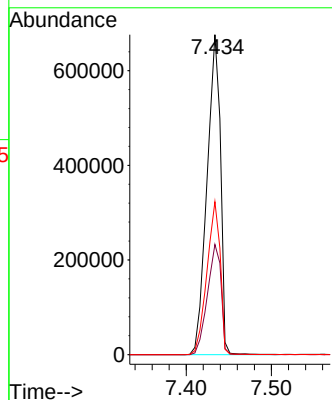
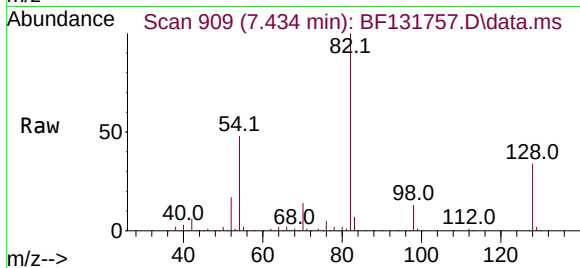
Tgt Ion: 82 Resp: 740454

Ion Ratio Lower Upper

82 100

128 34.4 27.3 40.9

54 47.8 38.2 57.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF131757.D

Acq: 21 Dec 2022 21:30

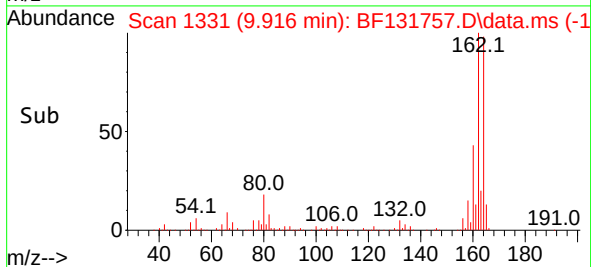
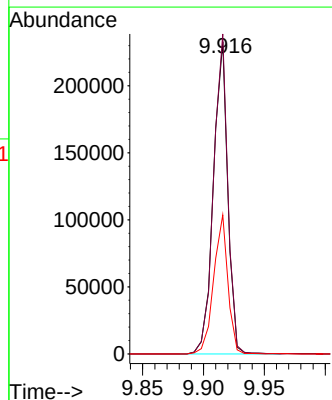
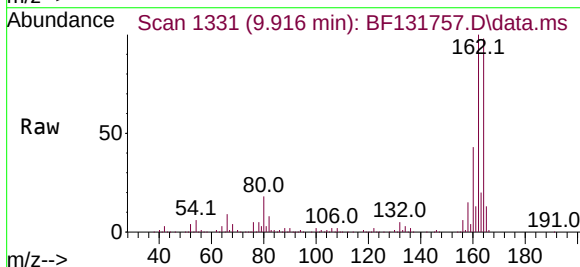
Tgt Ion:164 Resp: 191571

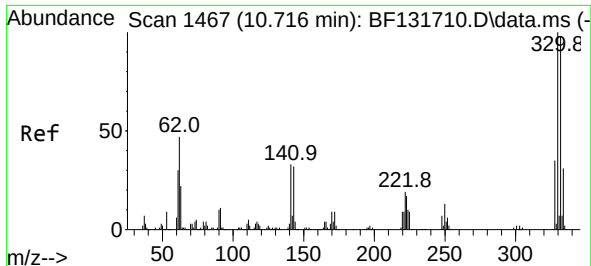
Ion Ratio Lower Upper

164 100

162 102.5 83.7 125.5

160 44.5 36.2 54.4

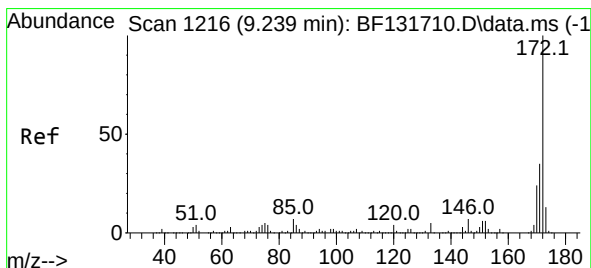
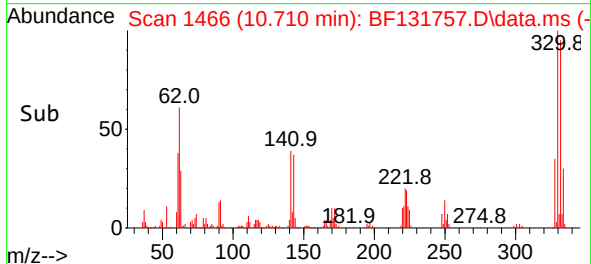
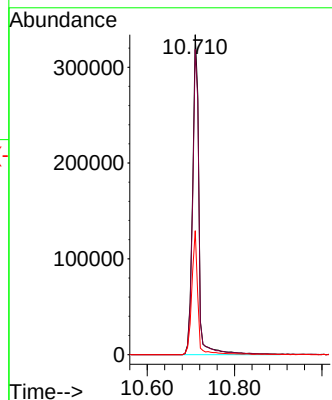
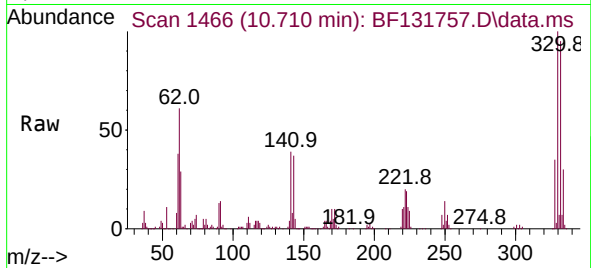




#42
2,4,6-Tribromophenol
Concen: 161.206 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

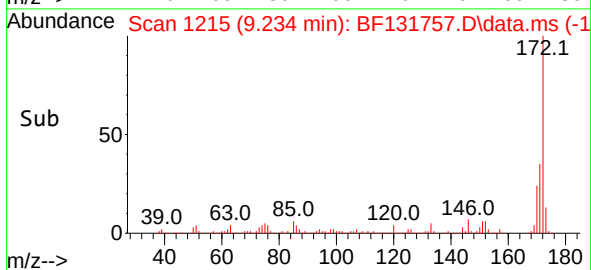
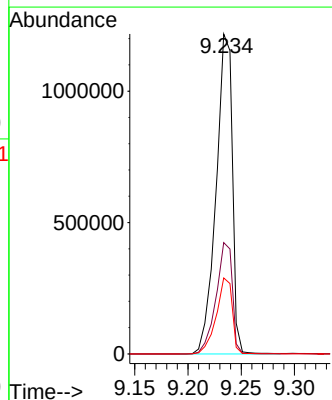
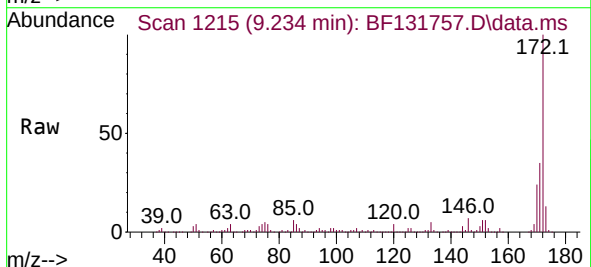
Instrument :
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ClientSampleId :
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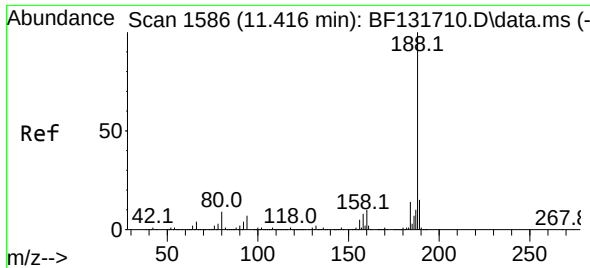
Tgt Ion:330 Resp: 338019
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 37.0 30.4 45.6



#45
2-Fluorobiphenyl
Concen: 94.899 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.005 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

Tgt Ion:172 Resp: 1297795
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.7 19.0 28.4

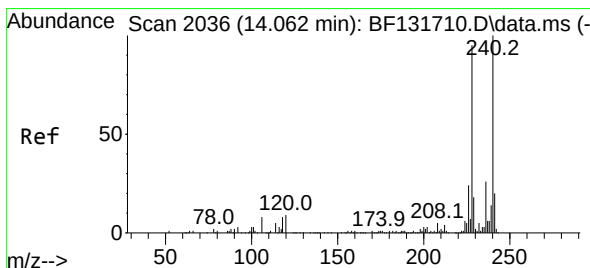
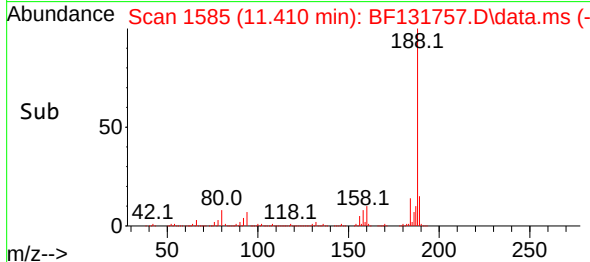
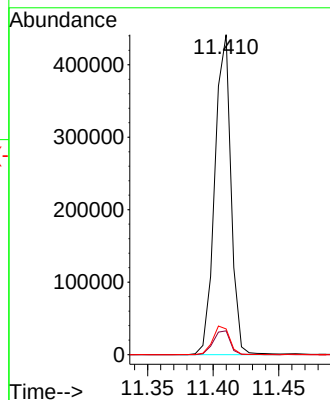
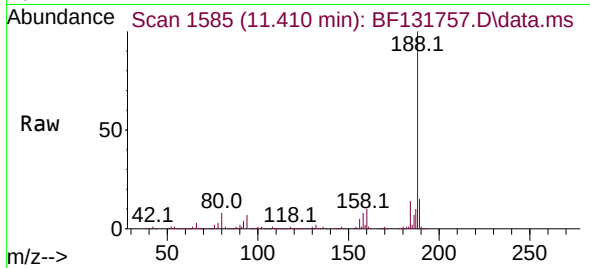




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

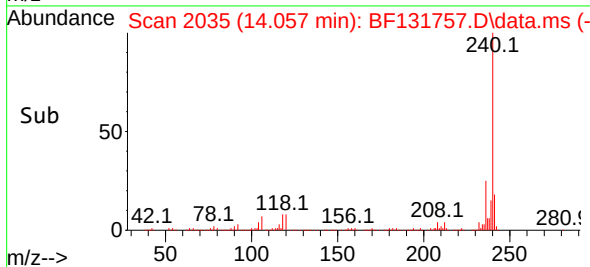
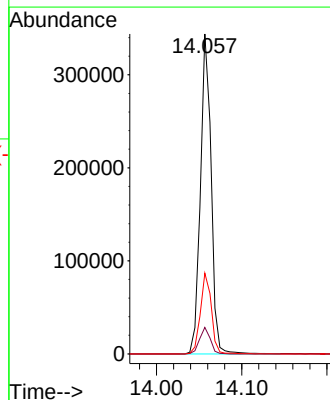
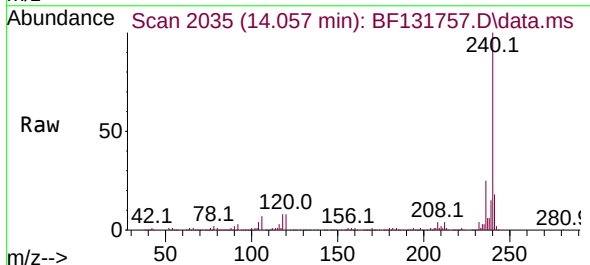
Instrument :
BNA_F
ClientSampleId :
N40305

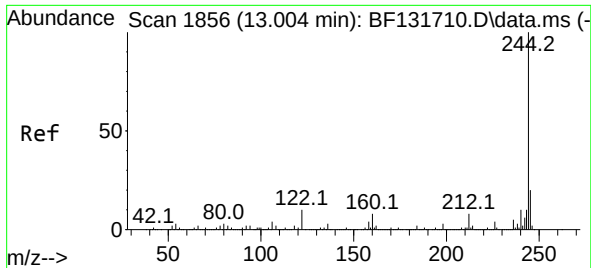
Tgt Ion:188 Resp: 378362
Ion Ratio Lower Upper
188 100
94 7.4 5.9 8.9
80 8.0 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

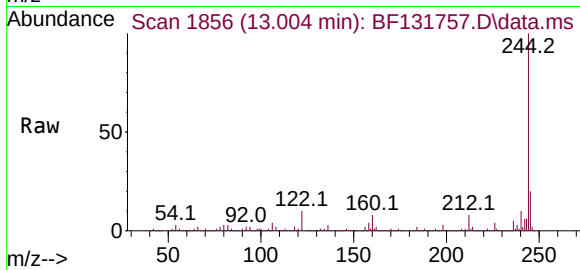
Tgt Ion:240 Resp: 299535
Ion Ratio Lower Upper
240 100
120 8.3 7.6 11.4
236 25.2 21.2 31.8





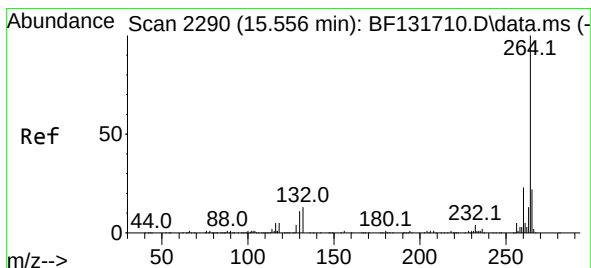
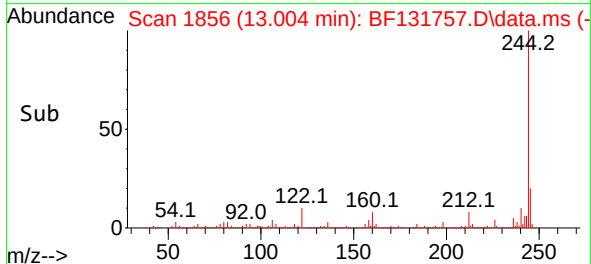
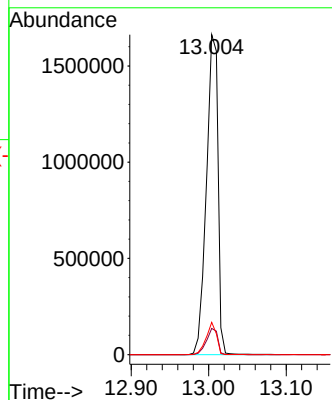
#79
 Terphenyl-d14
 Concen: 89.874 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131757.D
 Acq: 21 Dec 2022 21:30

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1727308

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.1	7.7	11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BF131757.D
 Acq: 21 Dec 2022 21:30

Tgt Ion:264 Resp: 270997

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	21.7	17.4	26.2

