

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131940.D
 Acq On : 06 Jan 2023 14:21
 Operator : CG\JU
 Sample : N6244-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-15

Quant Time: Jan 07 00:20:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:58:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	60241	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	214043	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	116898	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	193747	20.000	ng	0.00
76) Chrysene-d12	13.998	240	135264	20.000	ng	0.00
86) Perylene-d12	15.468	264	136312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	326692	89.872	ng	0.01
7) Phenol-d6	6.434	99	441998	92.549	ng	0.00
23) Nitrobenzene-d5	7.369	82	329764	61.511	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	89406	70.393	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	524731	61.484	ng	0.00
79) Terphenyl-d14	12.939	244	419016	52.399	ng	0.00

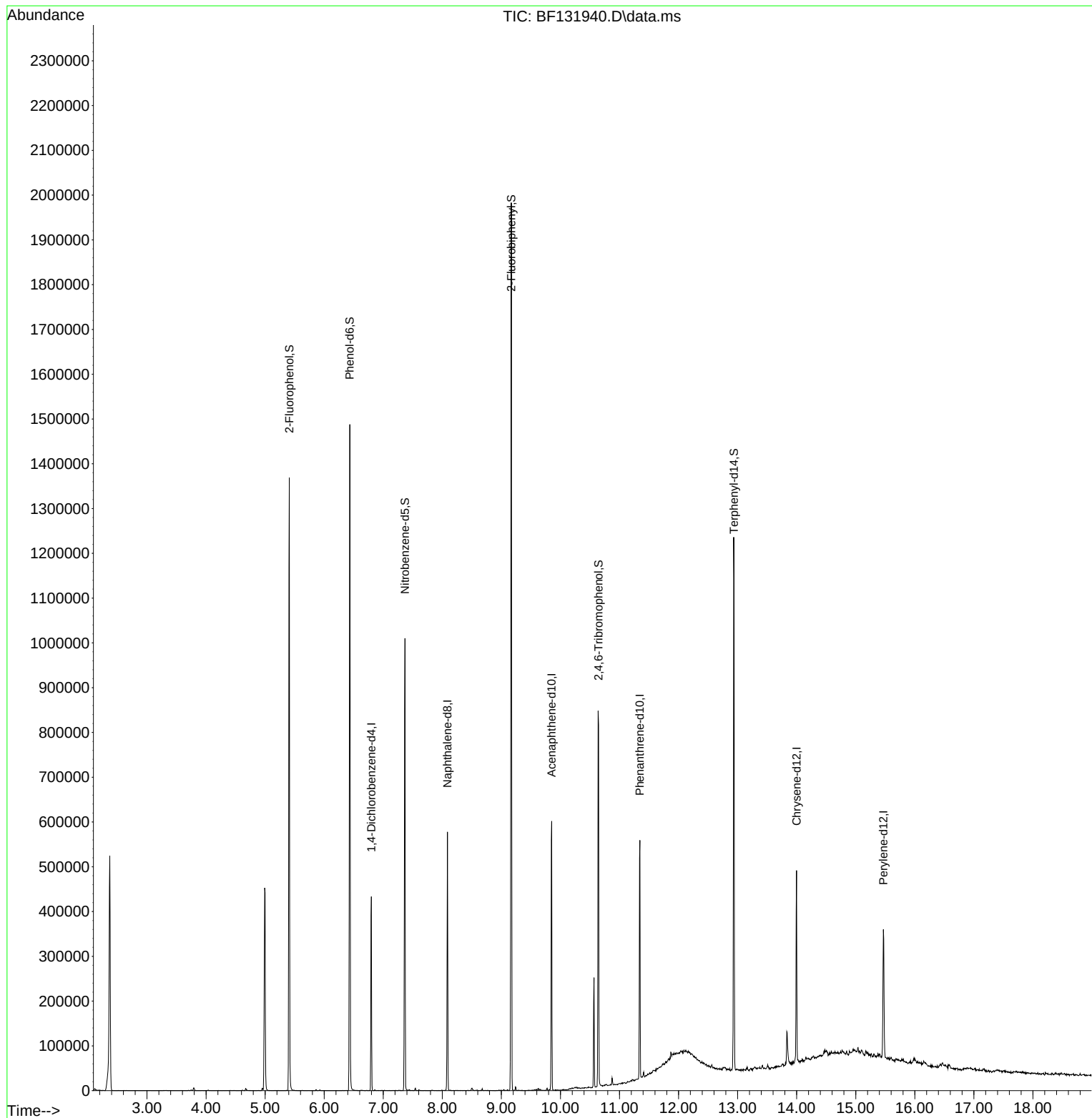
Target Compounds	Qvalue

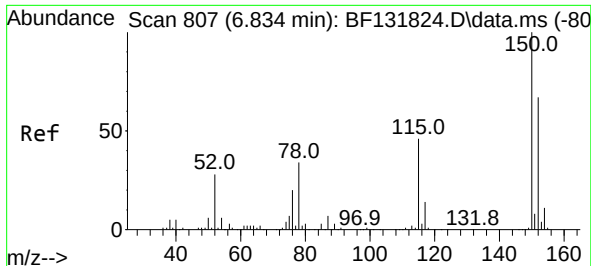
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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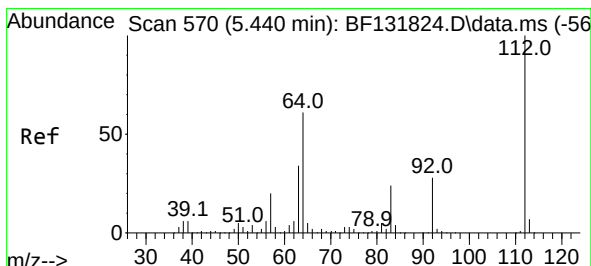
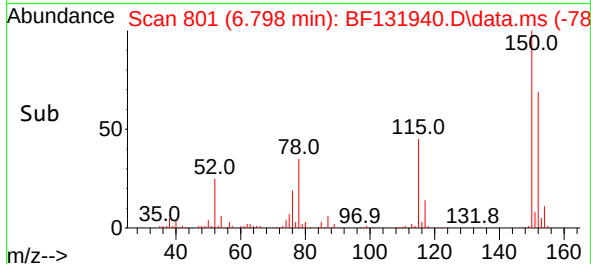
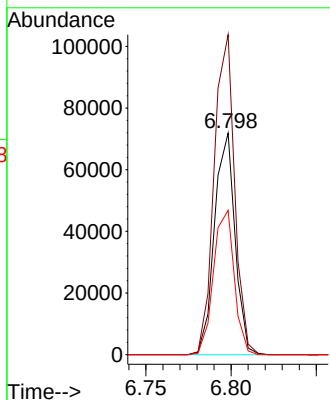
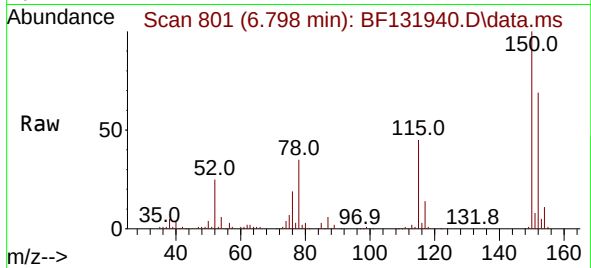




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 807
 Delta R.T. 0.000 min
 Lab File: BF131940.D
 Acq: 06 Jan 2023 14:21

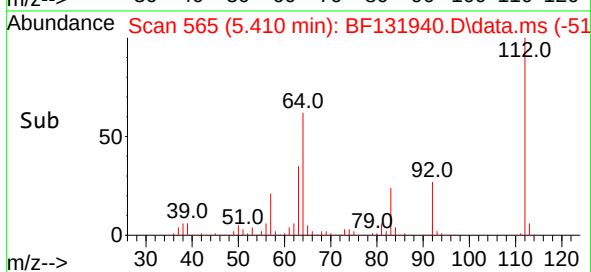
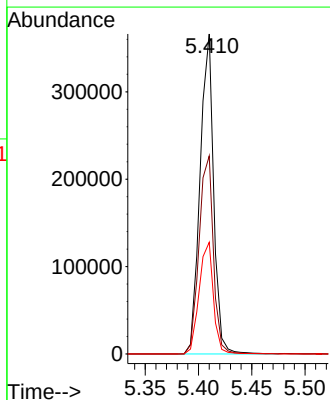
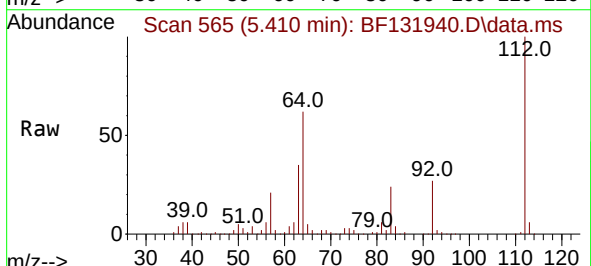
Instrument :
 BNA_F
 ClientSampleId :
 PE-15

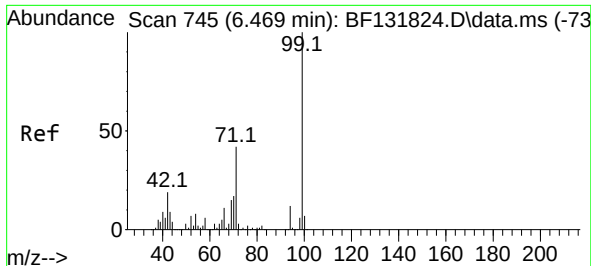
Tgt Ion:152 Resp: 60241
 Ion Ratio Lower Upper
 152 100
 150 144.4 120.0 180.0
 115 65.1 55.1 82.7



#5
 2-Fluorophenol
 Concen: 89.872 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.012 min
 Lab File: BF131940.D
 Acq: 06 Jan 2023 14:21

Tgt Ion:112 Resp: 326692
 Ion Ratio Lower Upper
 112 100
 64 61.9 49.2 73.8
 63 34.9 27.5 41.3

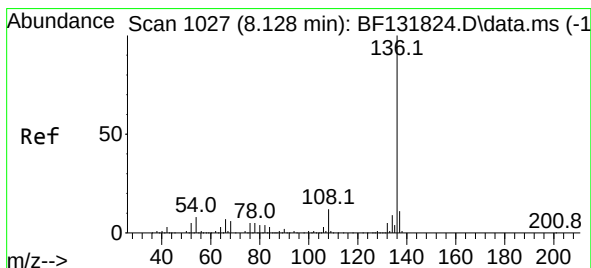
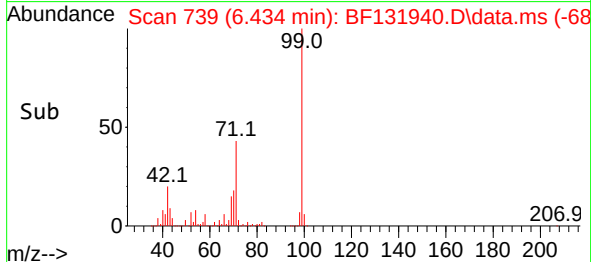
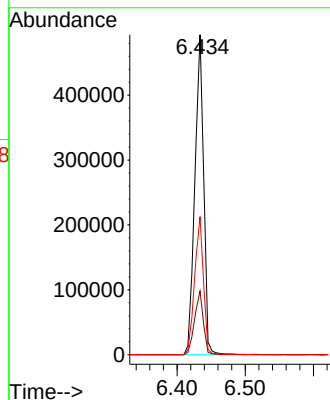
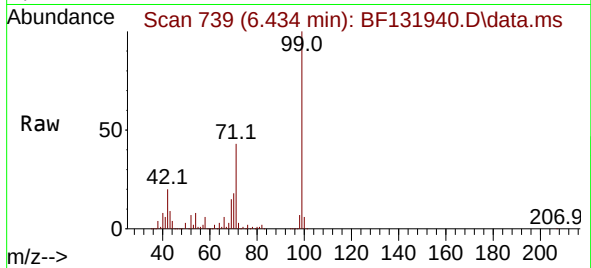




#7
Phenol-d6
Concen: 92.549 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

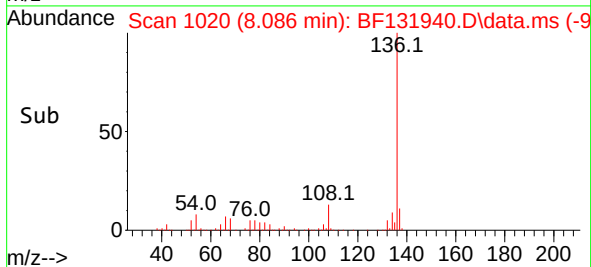
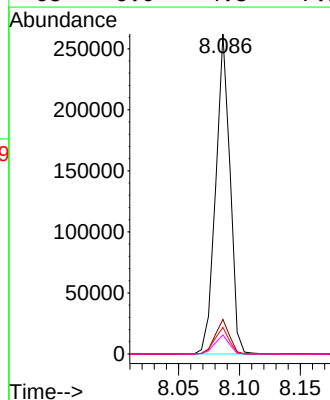
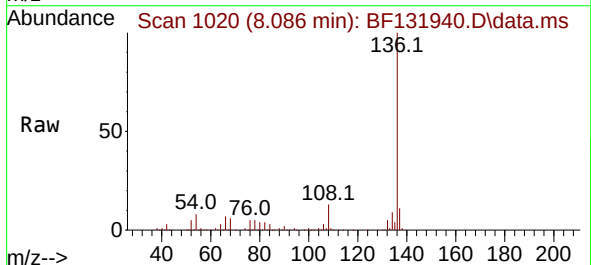
Instrument :
BNA_F
ClientSampleId :
PE-15

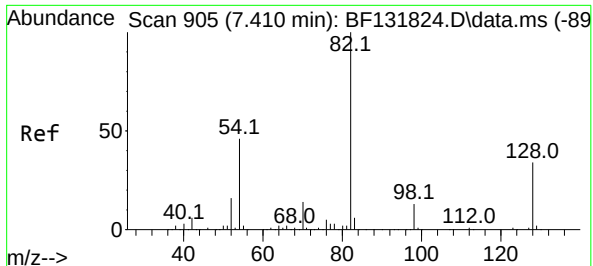
Tgt Ion: 99 Resp: 441998
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 43.1 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

Tgt Ion: 136 Resp: 214043
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.3 6.7 10.1
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 61.511 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF131940.D

Acq: 06 Jan 2023 14:21

Instrument :

BNA_F

ClientSampleId :

PE-15

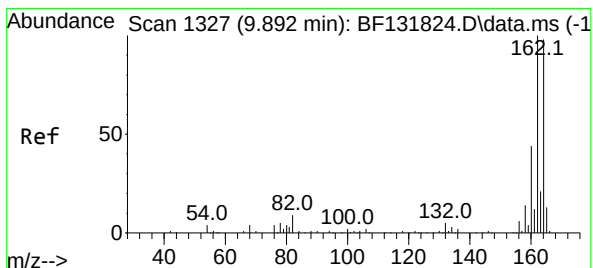
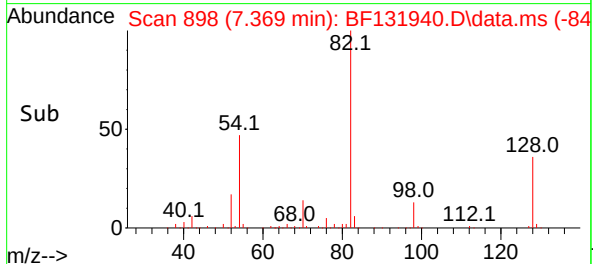
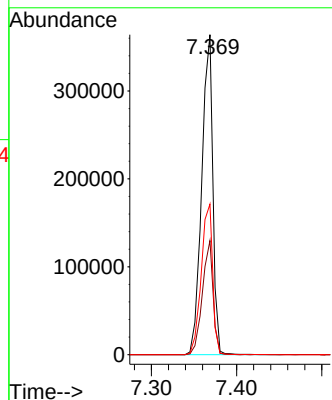
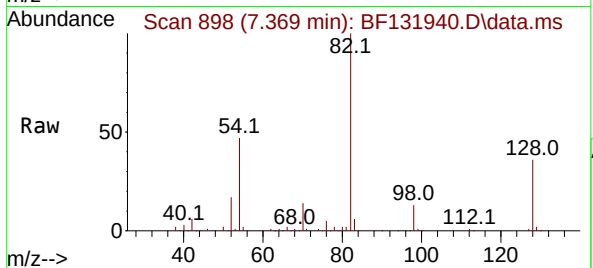
Tgt Ion: 82 Resp: 329764

Ion Ratio Lower Upper

82 100

128 35.6 27.1 40.7

54 47.0 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BF131940.D

Acq: 06 Jan 2023 14:21

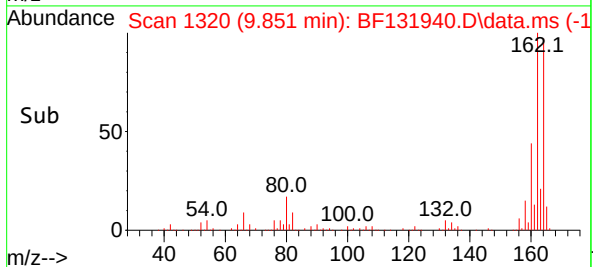
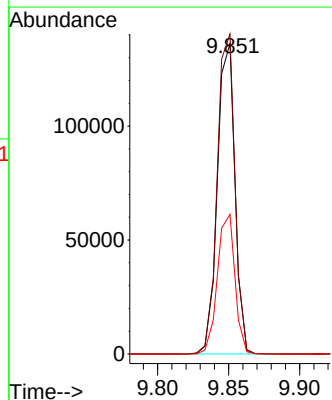
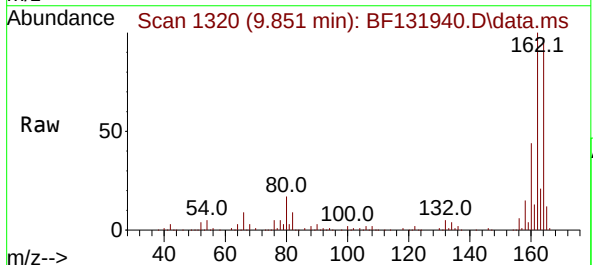
Tgt Ion:164 Resp: 116898

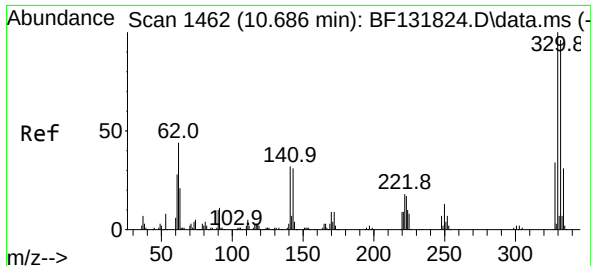
Ion Ratio Lower Upper

164 100

162 103.1 81.8 122.6

160 44.9 35.7 53.5

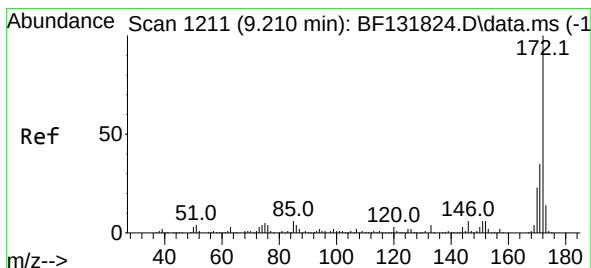
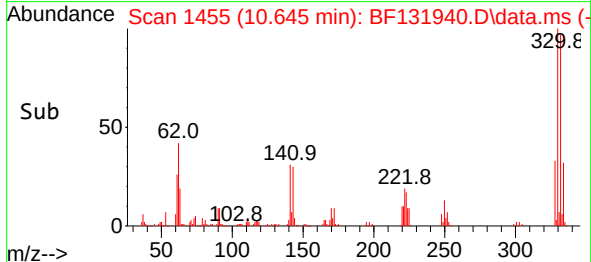
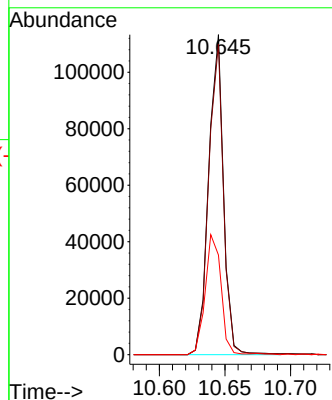
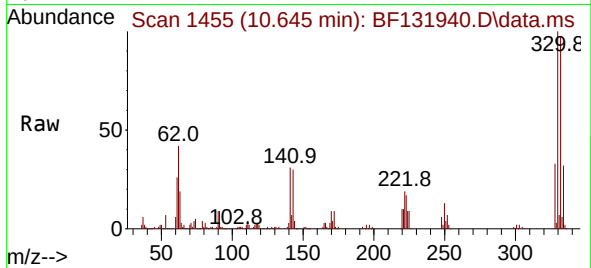




#42
2,4,6-Tribromophenol
Concen: 70.393 ng
RT: 10.645 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

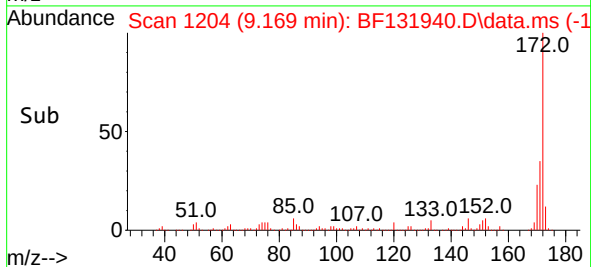
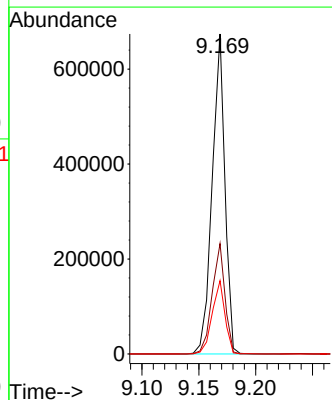
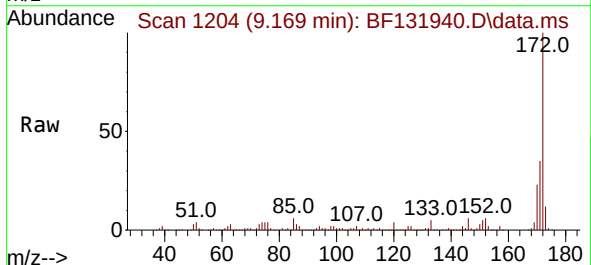
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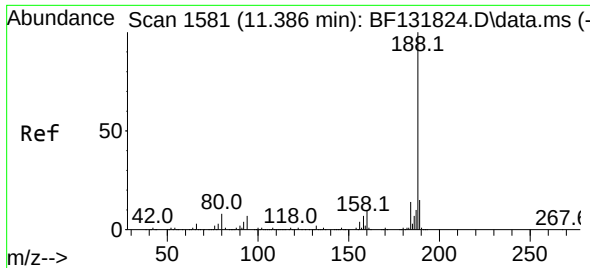
Tgt Ion:330 Resp: 89406
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 40.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 61.484 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

Tgt Ion:172 Resp: 524731
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 22.9 18.7 28.1

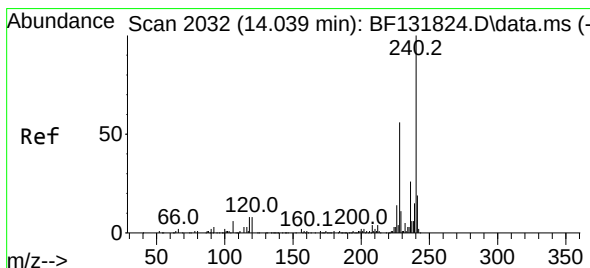
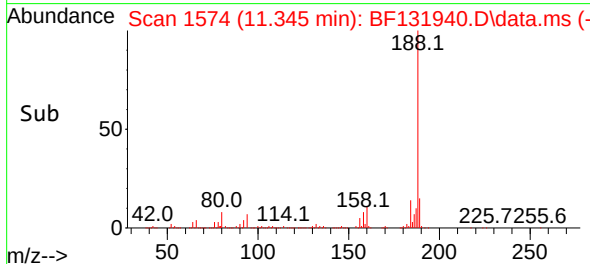
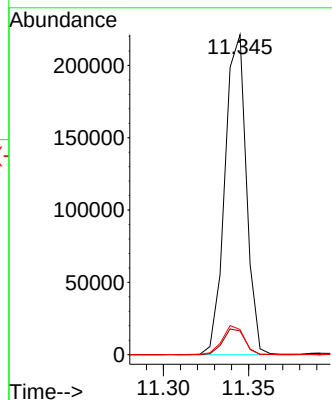
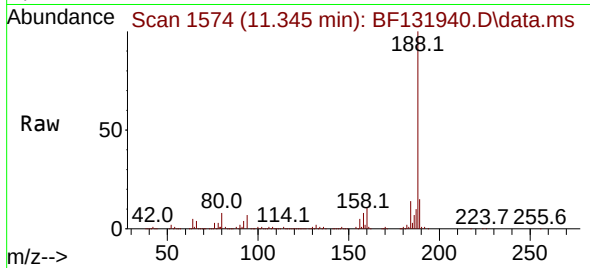




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

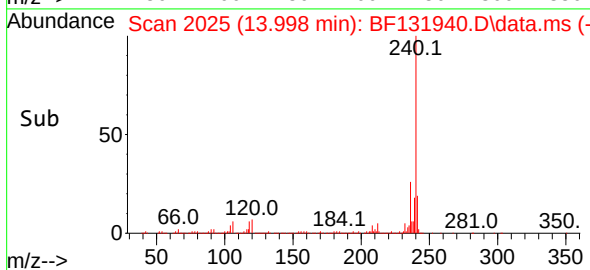
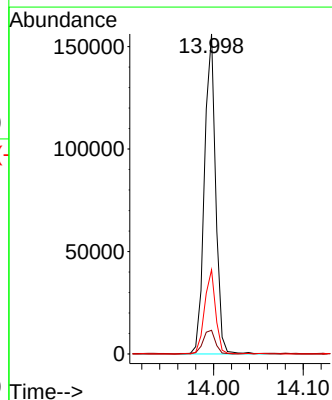
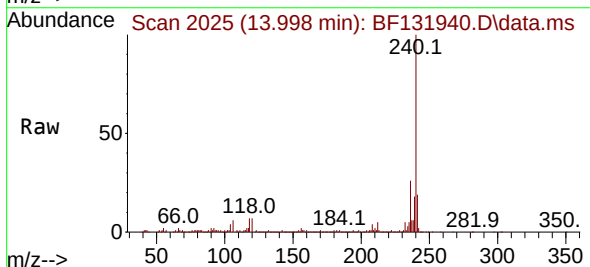
Instrument :
BNA_F
ClientSampleId :
PE-15

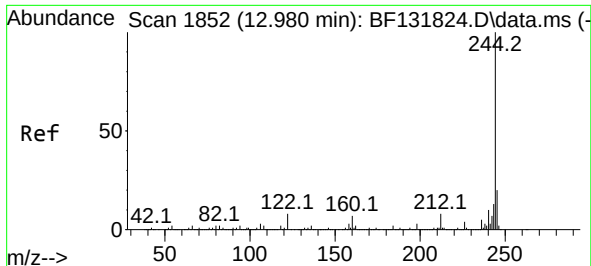
Tgt Ion:188 Resp: 193747
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 7.8 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

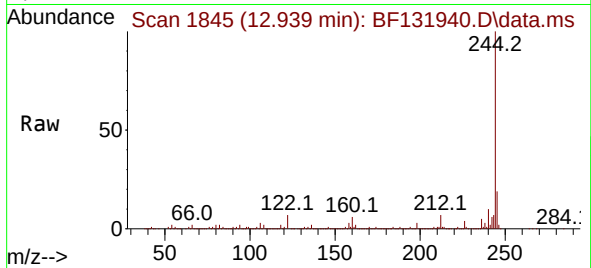
Tgt Ion:240 Resp: 135264
Ion Ratio Lower Upper
240 100
120 7.4 6.7 10.1
236 26.3 20.6 31.0



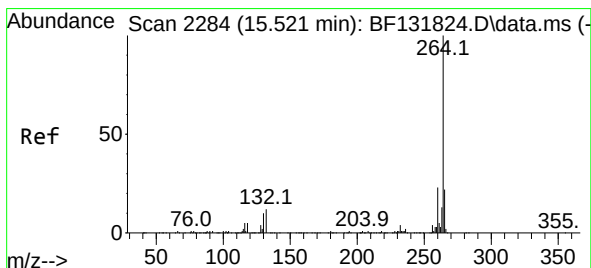
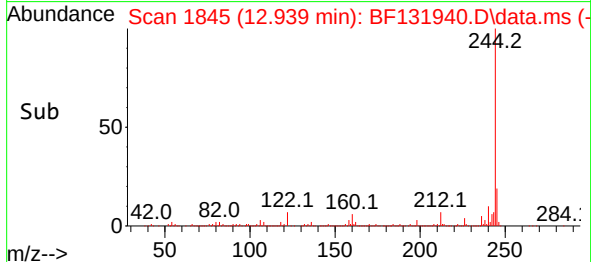
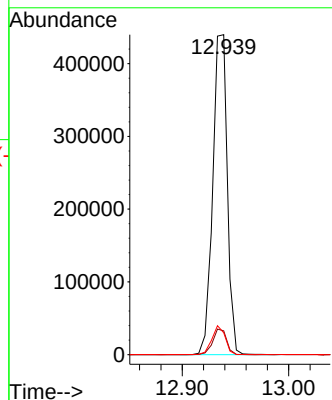


#79
 Terphenyl-d14
 Concen: 52.399 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131940.D
 Acq: 06 Jan 2023 14:21

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 419016
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 6.9 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF131940.D
 Acq: 06 Jan 2023 14:21

Tgt Ion:264 Resp: 136312
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.2 17.4 26.0

