

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120722\
 Data File : BF131549.D
 Acq On : 07 Dec 2022 22:50
 Operator : CG\JU
 Sample : PB149277BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149277BL

Quant Time: Dec 08 04:54:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 04:25:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	64321	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	245073	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	162171	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	333294	20.000	ng	0.00
76) Chrysene-d12	14.104	240	253969	20.000	ng	0.00
86) Perylene-d12	15.616	264	189866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	565399	148.467	ng	0.01
7) Phenol-d6	6.534	99	741166	146.969	ng	0.00
23) Nitrobenzene-d5	7.475	82	535761	85.550	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	282224	149.215	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1048988	82.072	ng	0.00
79) Terphenyl-d14	13.057	244	1595500	83.692	ng	0.00

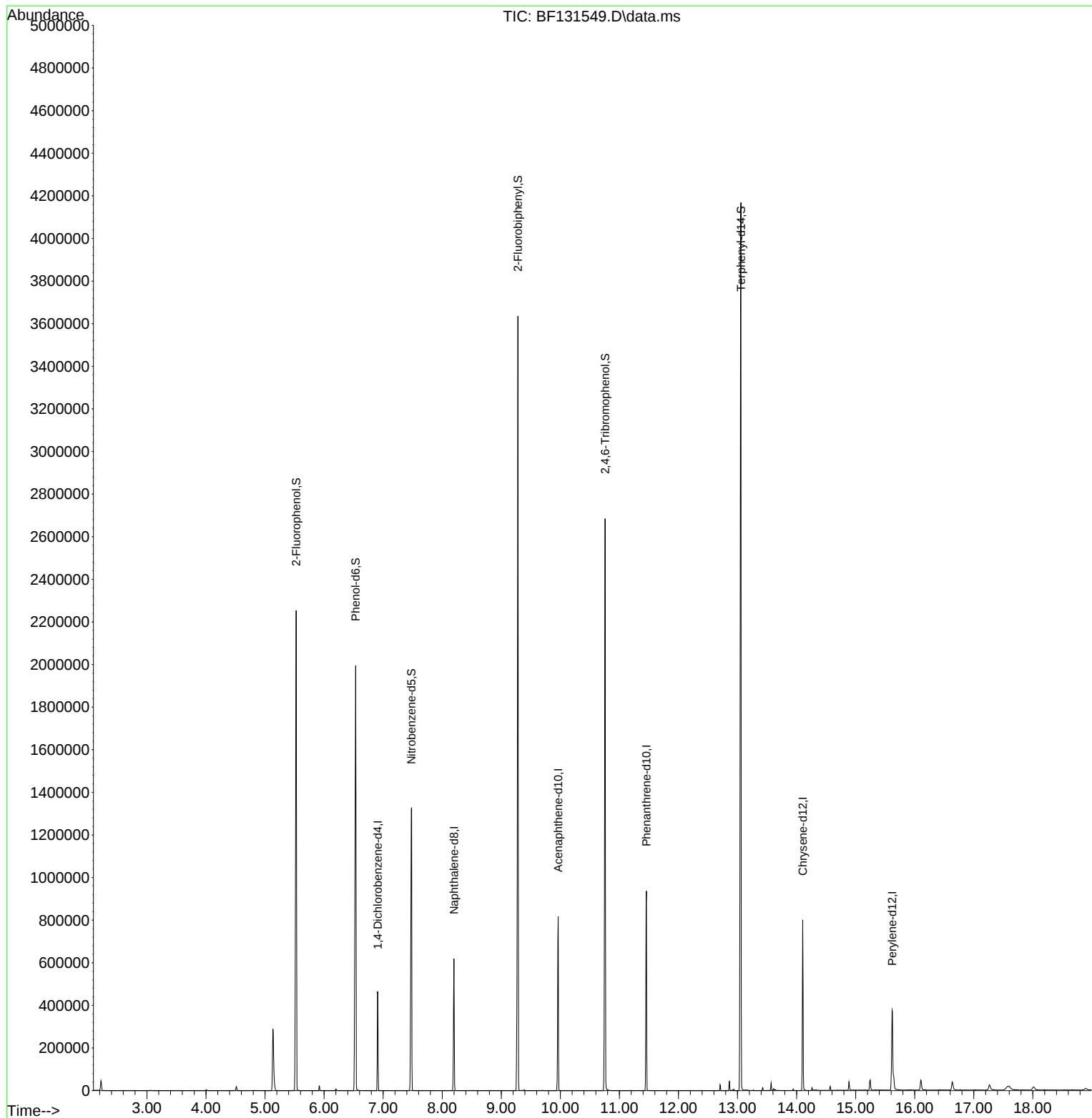
Target Compounds Qvalue

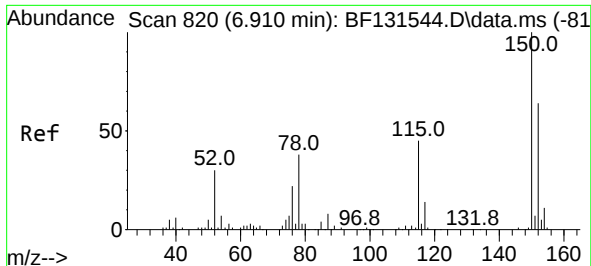
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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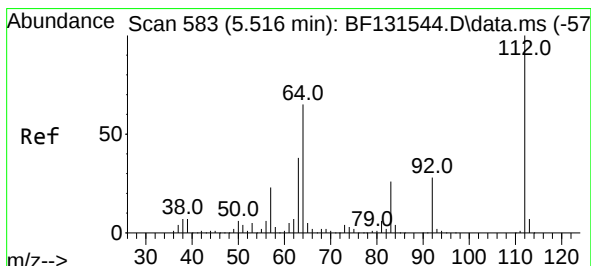
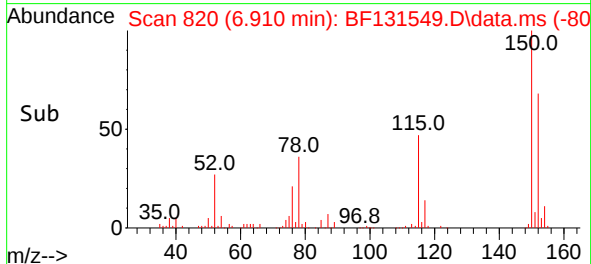
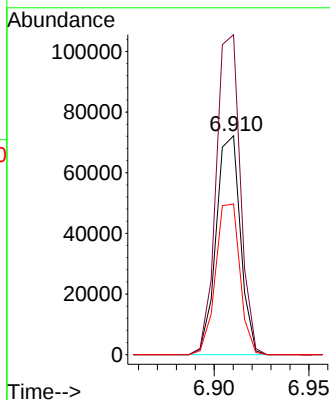
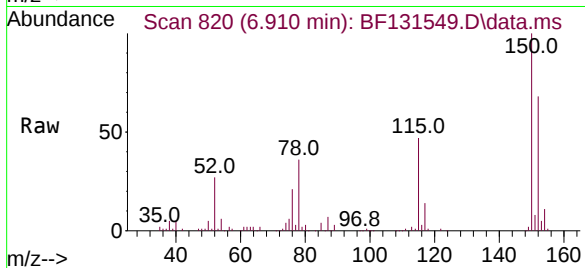




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131549.D
 Acq: 07 Dec 2022 22:50

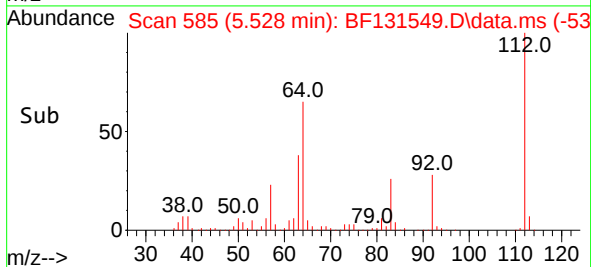
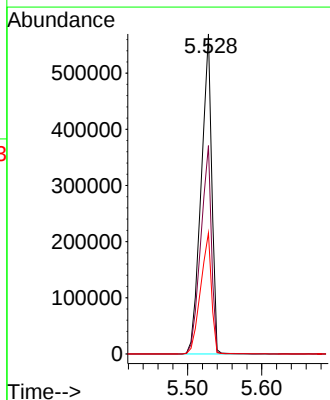
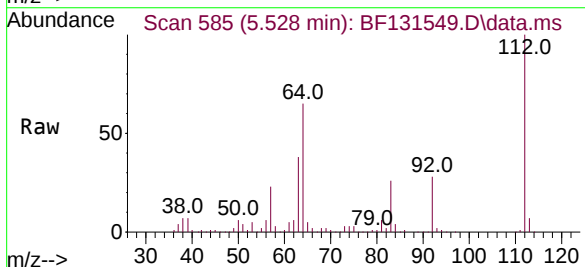
Instrument :
 BNA_F
 ClientSampleId :
 PB149277BL

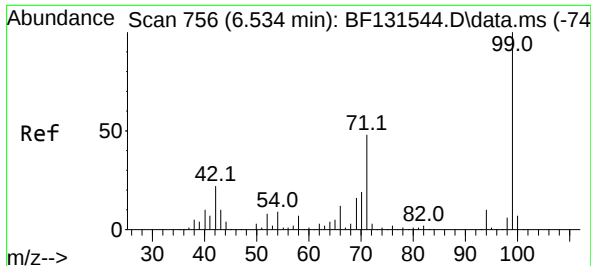
Tgt Ion:152 Resp: 64321
 Ion Ratio Lower Upper
 152 100
 150 146.3 124.3 186.5
 115 68.8 56.2 84.4



#5
 2-Fluorophenol
 Concen: 148.467 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.012 min
 Lab File: BF131549.D
 Acq: 07 Dec 2022 22:50

Tgt Ion:112 Resp: 565399
 Ion Ratio Lower Upper
 112 100
 64 65.1 51.9 77.9
 63 37.8 30.1 45.1

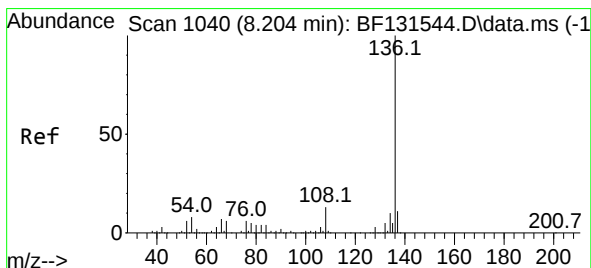
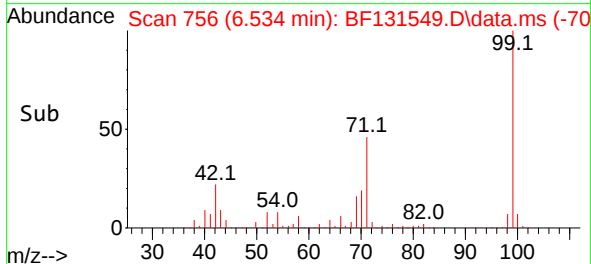
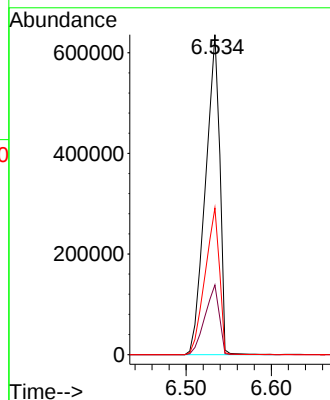
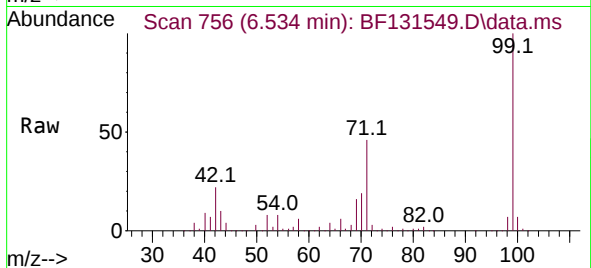




#7
Phenol-d6
Concen: 146.969 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

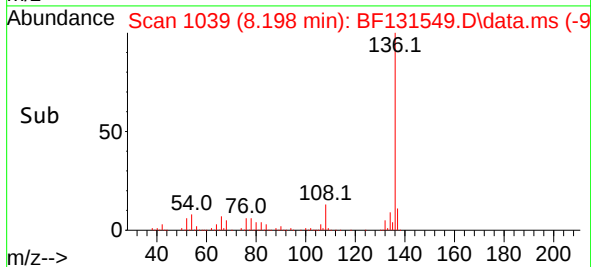
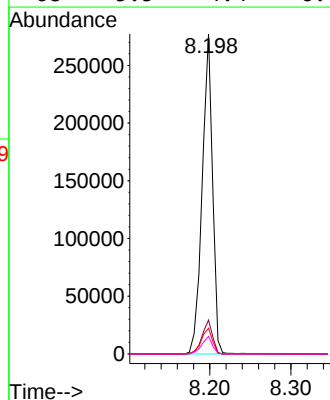
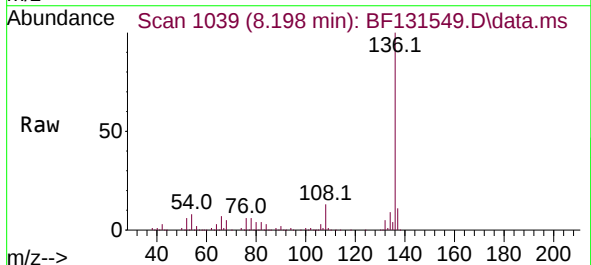
Instrument :
BNA_F
ClientSampleId :
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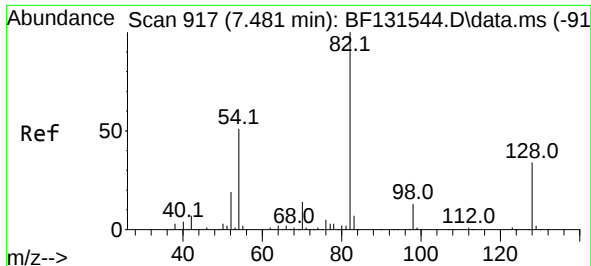
Tgt Ion: 99 Resp: 741166
Ion Ratio Lower Upper
99 100
42 21.8 17.9 26.9
71 45.8 38.4 57.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

Tgt Ion:136 Resp: 245073
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.0 6.7 10.1
68 5.5 4.4 6.6





#23

Nitrobenzene-d5

Concen: 85.550 ng

RT: 7.475 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131549.D

Acq: 07 Dec 2022 22:50

Instrument :

BNA_F

ClientSampleId :

PB149277BL

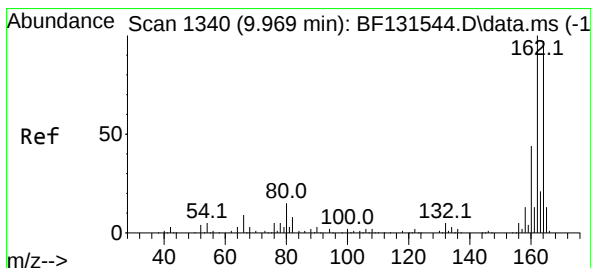
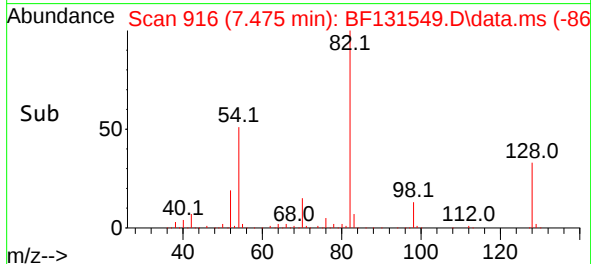
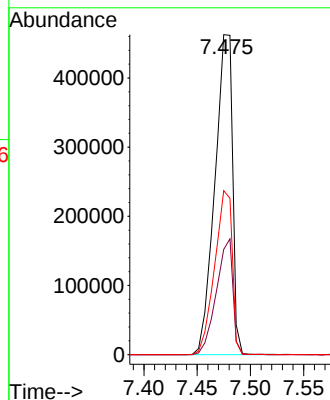
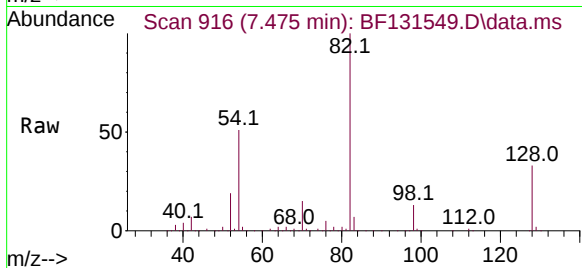
Tgt Ion: 82 Resp: 535761

Ion Ratio Lower Upper

82 100

128 32.9 27.0 40.6

54 51.2 41.1 61.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BF131549.D

Acq: 07 Dec 2022 22:50

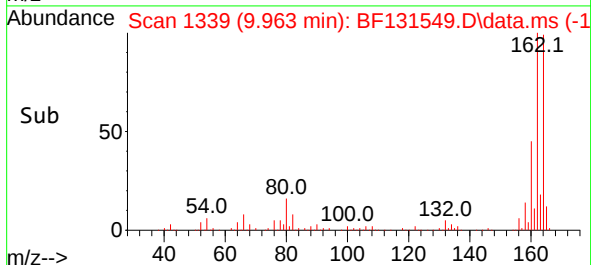
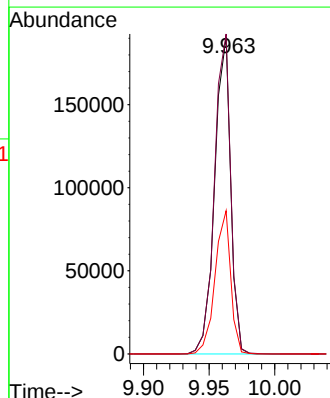
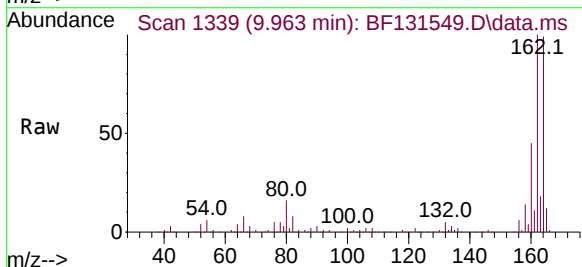
Tgt Ion:164 Resp: 162171

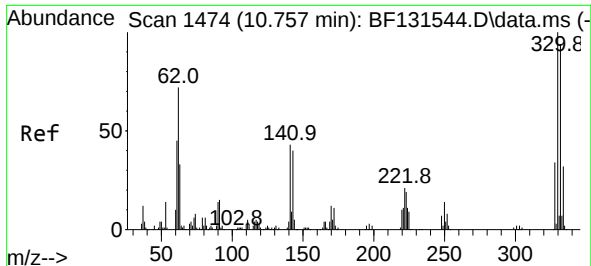
Ion Ratio Lower Upper

164 100

162 101.0 82.6 124.0

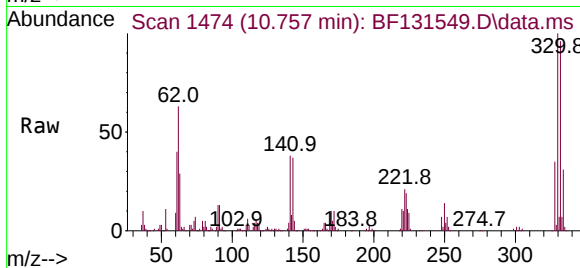
160 45.2 36.0 54.0



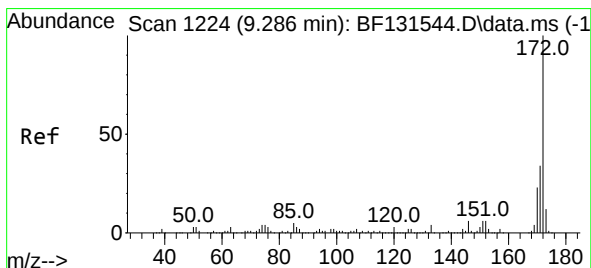
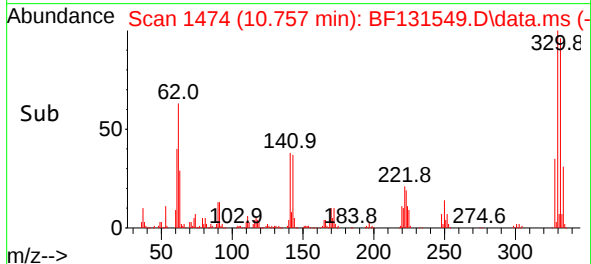
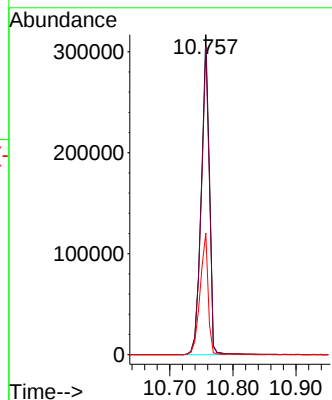


#42
2,4,6-Tribromophenol
Concen: 149.215 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

Instrument :
BNA_F
ClientSampleId :
PB149277BL

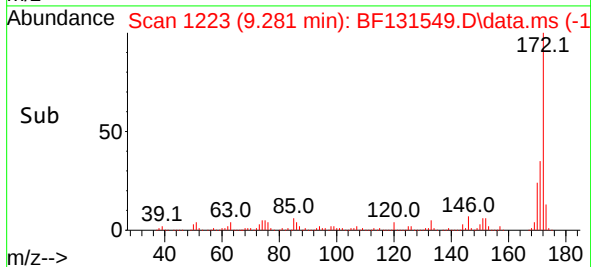
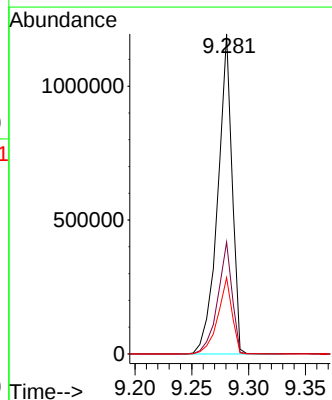
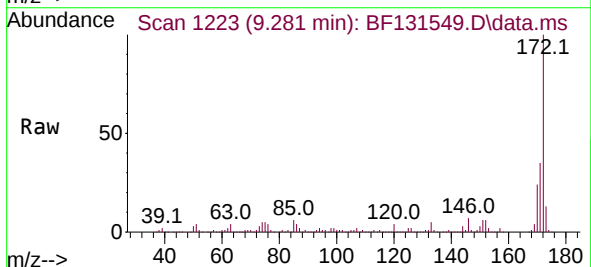


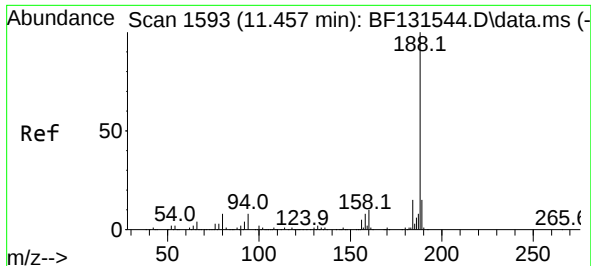
Tgt Ion:330 Resp: 282224
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 37.5 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 82.072 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

Tgt Ion:172 Resp: 1048988
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.0
170 23.8 18.5 27.7

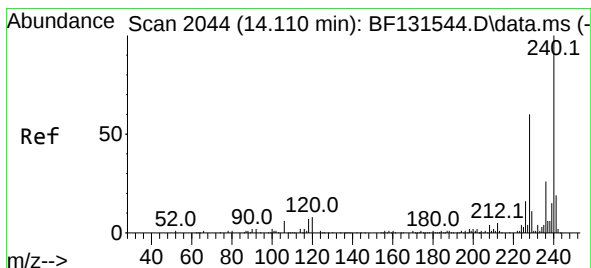
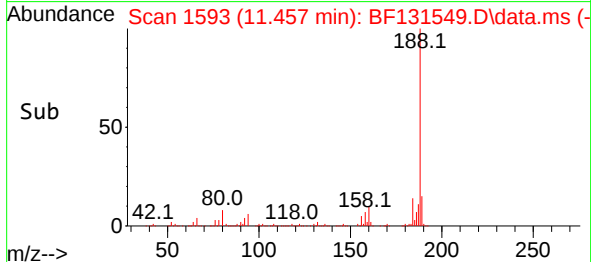
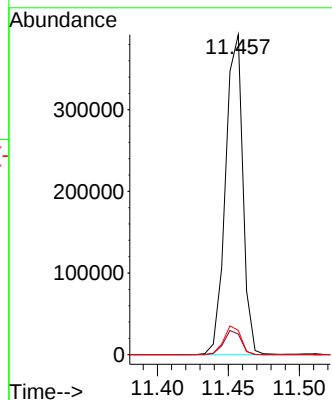
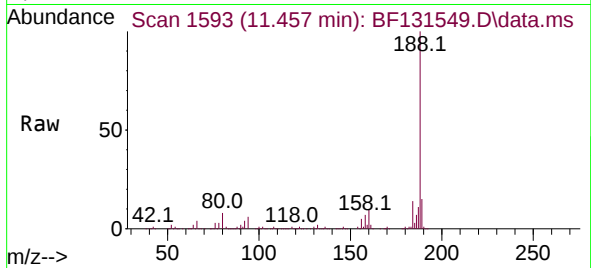




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

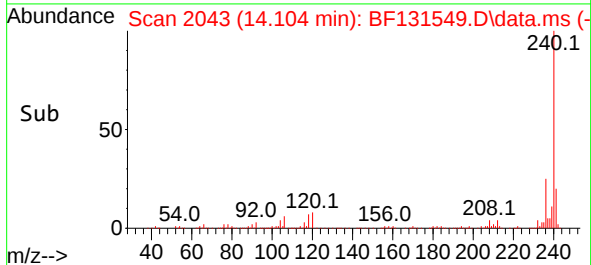
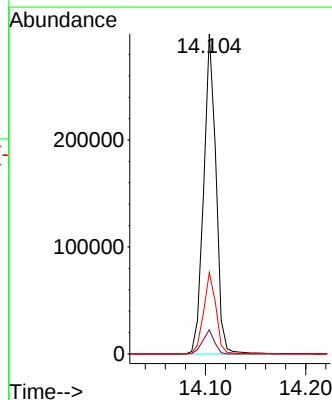
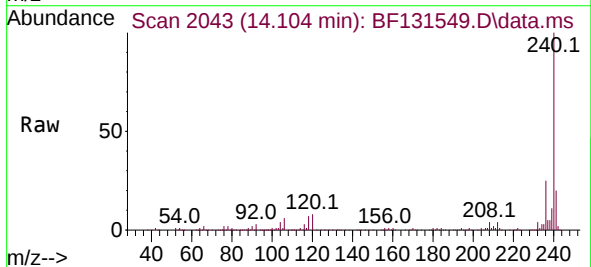
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BNA_F
ClientSampleId :
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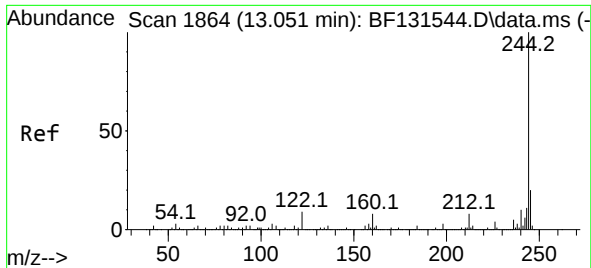
Tgt Ion:188 Resp: 333294
Ion Ratio Lower Upper
188 100
94 6.4 6.1 9.1
80 7.6 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131549.D
Acq: 07 Dec 2022 22:50

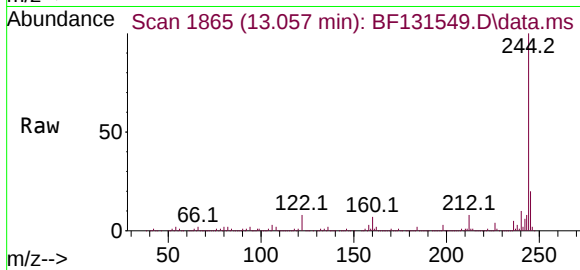
Tgt Ion:240 Resp: 253969
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.4
236 25.4 20.5 30.7



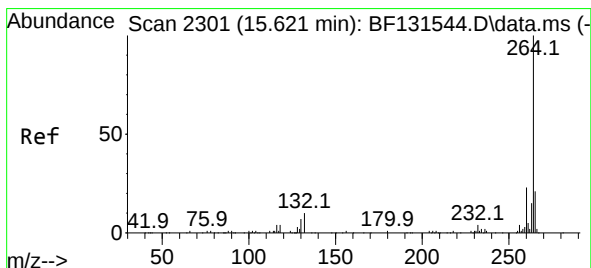
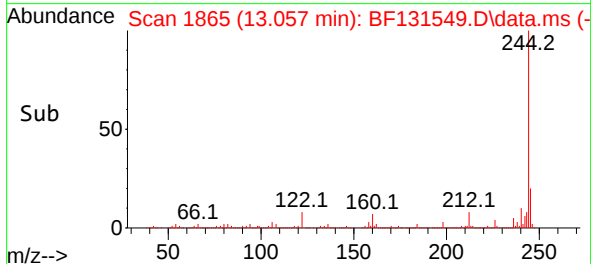
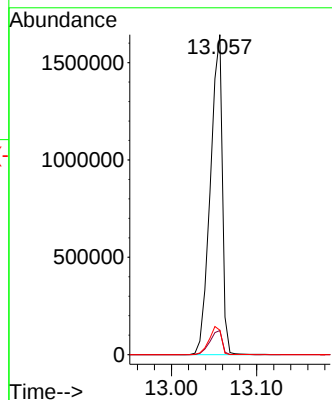


#79
 Terphenyl-d14
 Concen: 83.692 ng
 RT: 13.057 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131549.D
 Acq: 07 Dec 2022 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB149277BL



Tgt Ion:244 Resp: 1595500
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 7.6 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.616 min Scan# 2300
 Delta R.T. -0.006 min
 Lab File: BF131549.D
 Acq: 07 Dec 2022 22:50

Tgt Ion:264 Resp: 189866
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 22.0 16.6 25.0

