

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131642.D
 Acq On : 15 Dec 2022 11:08
 Operator : CG\JU
 Sample : PB149637BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149637BL

Quant Time: Dec 16 01:46:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	70271	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	261451	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	153695	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	296114	20.000	ng	0.00
76) Chrysene-d12	14.080	240	173012	20.000	ng	0.00
86) Perylene-d12	15.580	264	136935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	623196	147.951	ng	0.01
7) Phenol-d6	6.516	99	795626	144.142	ng	0.00
23) Nitrobenzene-d5	7.451	82	559917	80.966	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	241970	141.702	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	999161	81.969	ng	0.00
79) Terphenyl-d14	13.021	244	1167510	92.544	ng	0.00

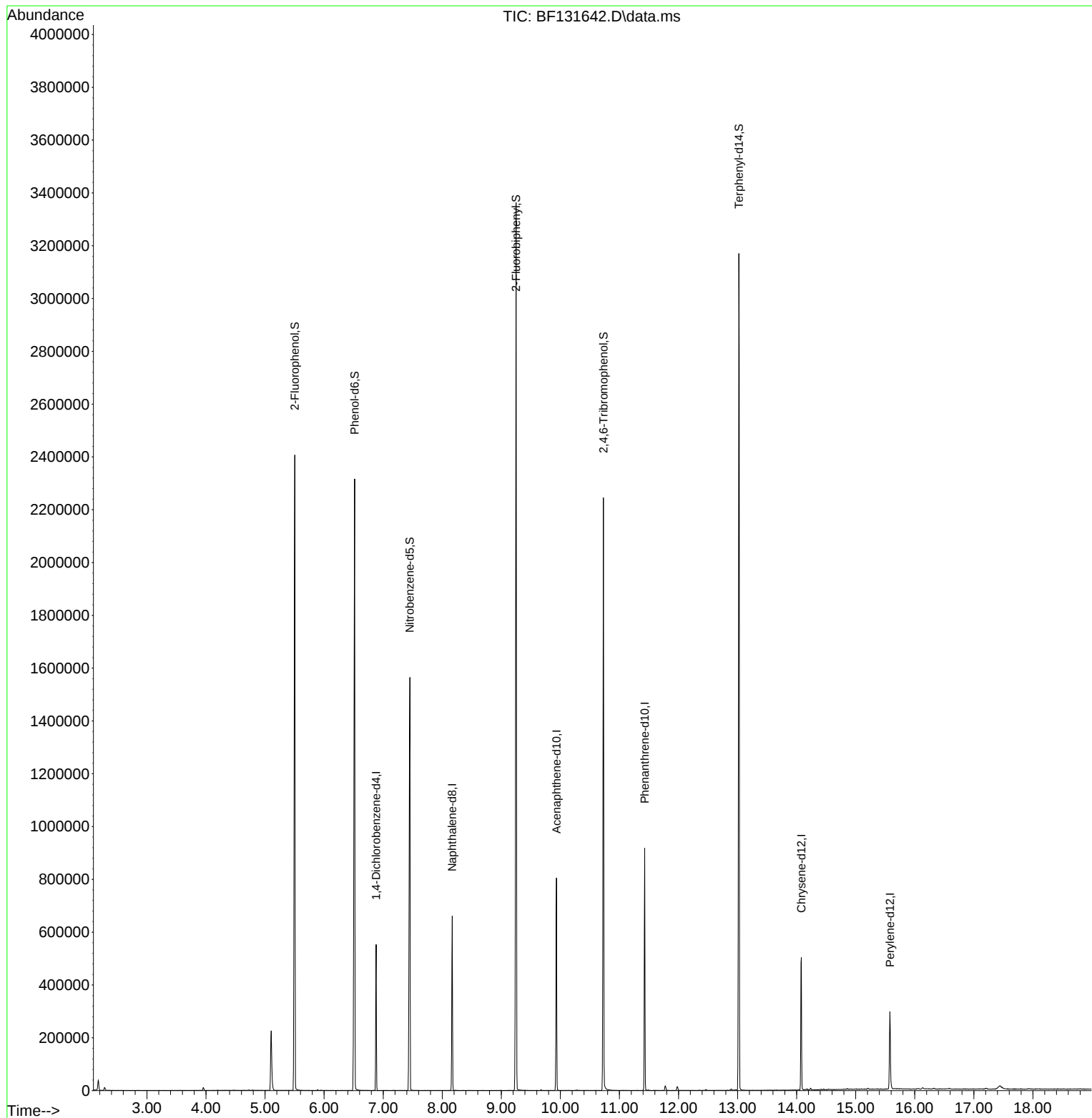
Target Compounds	Qvalue

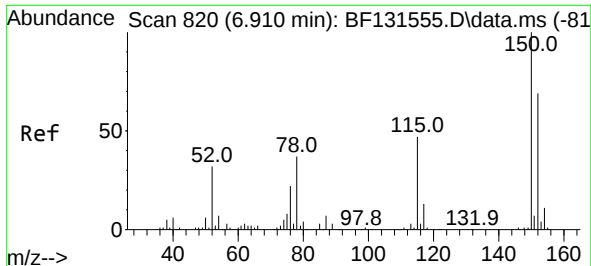
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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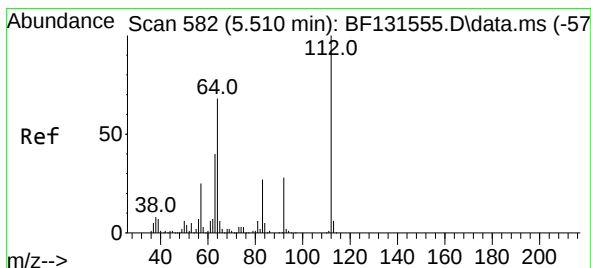
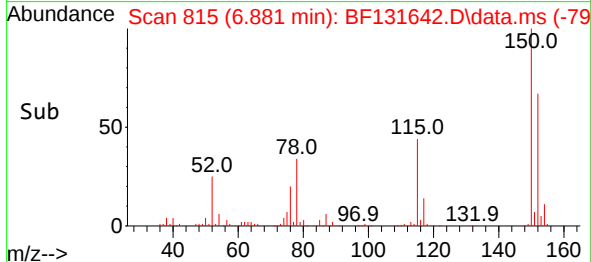
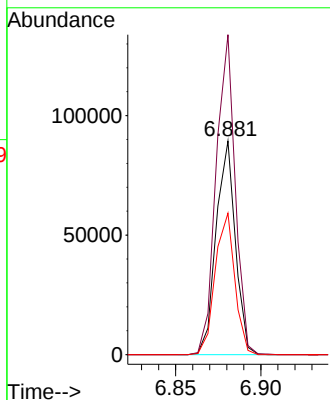
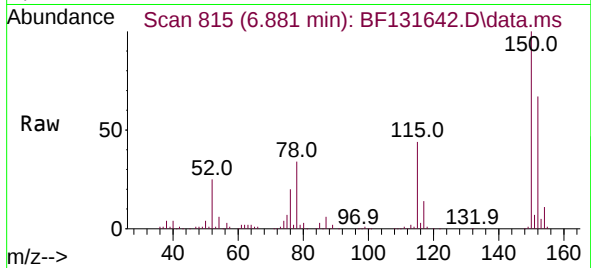




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: BF131642.D
 Acq: 15 Dec 2022 11:08

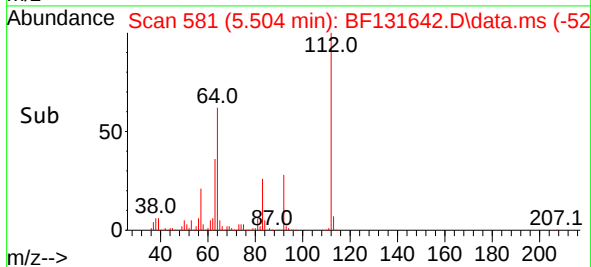
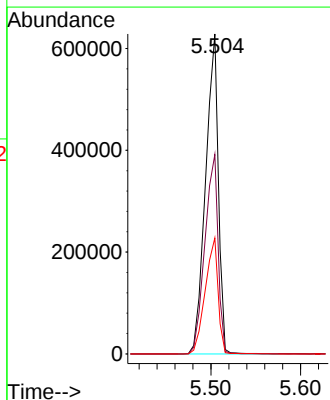
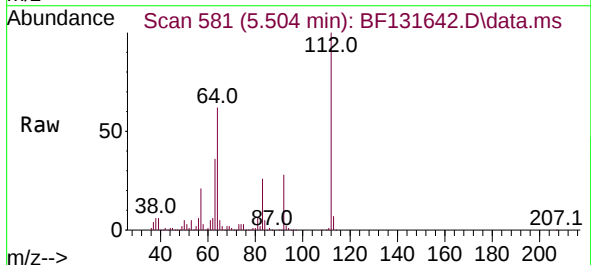
Instrument :
 BNA_F
 ClientSampleId :
 PB149637BL

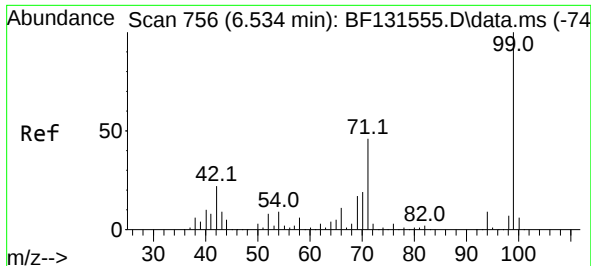
Tgt Ion:152 Resp: 70271
 Ion Ratio Lower Upper
 152 100
 150 149.8 116.7 175.1
 115 66.2 54.6 82.0



#5
 2-Fluorophenol
 Concen: 147.951 ng
 RT: 5.504 min Scan# 581
 Delta R.T. 0.012 min
 Lab File: BF131642.D
 Acq: 15 Dec 2022 11:08

Tgt Ion:112 Resp: 623196
 Ion Ratio Lower Upper
 112 100
 64 62.3 54.5 81.7
 63 36.2 31.9 47.9

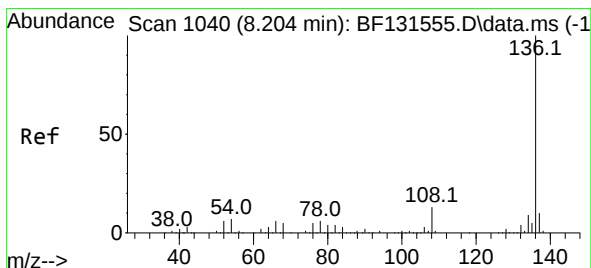
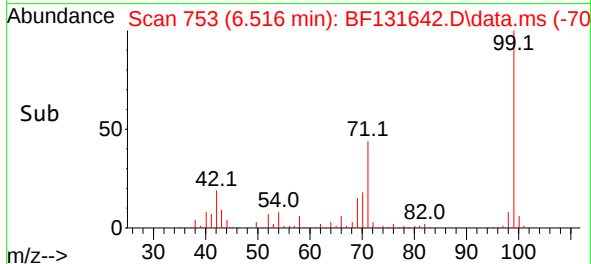
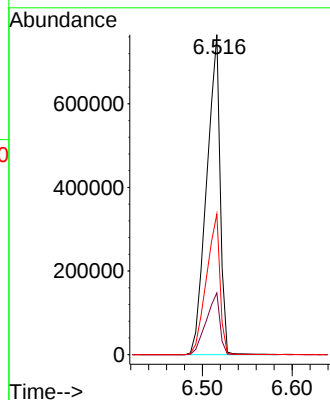
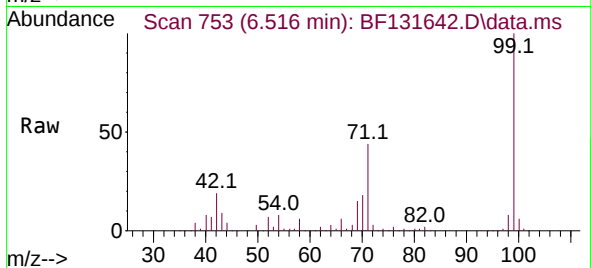




#7
Phenol-d6
Concen: 144.142 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

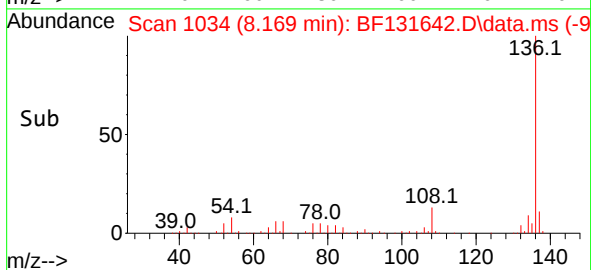
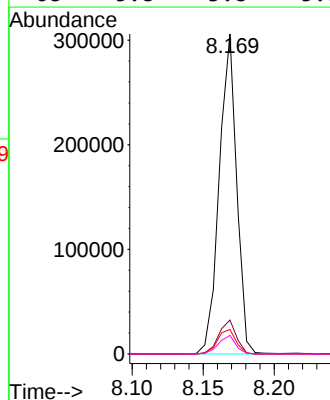
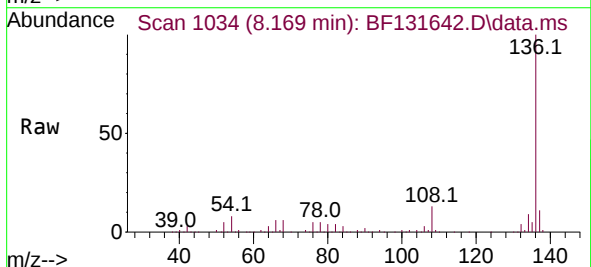
Instrument :
BNA_F
ClientSampleId :
PB149637BL

Tgt Ion: 99 Resp: 795626
Ion Ratio Lower Upper
99 100
42 19.3 17.9 26.9
71 43.9 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

Tgt Ion: 136 Resp: 261451
Ion Ratio Lower Upper
136 100
137 10.6 8.1 12.1
54 7.6 6.0 9.0
68 5.8 3.8 5.8#

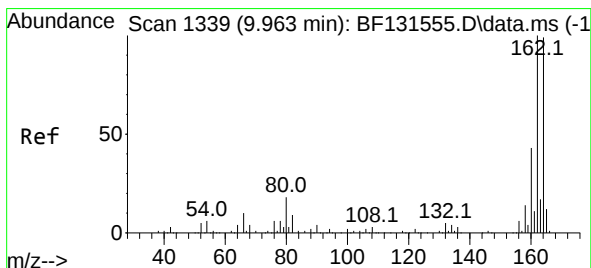
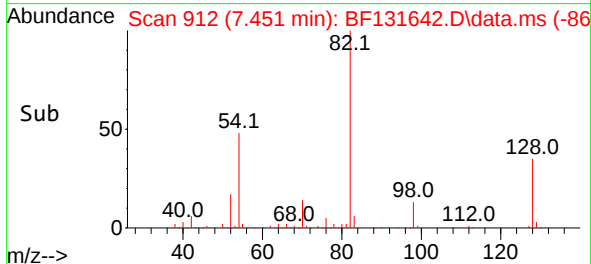
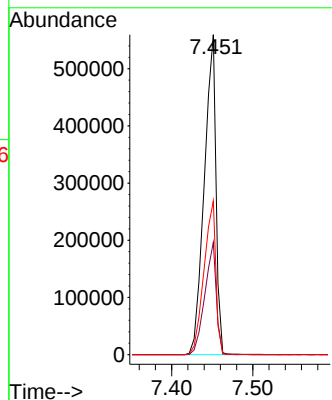
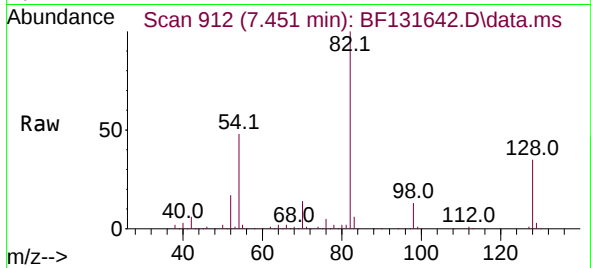




#23
 Nitrobenzene-d5
 Concen: 80.966 ng
 RT: 7.451 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BF131642.D
 Acq: 15 Dec 2022 11:08

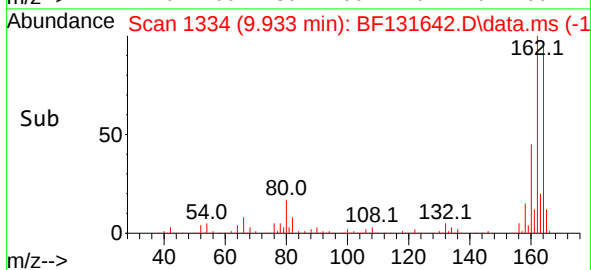
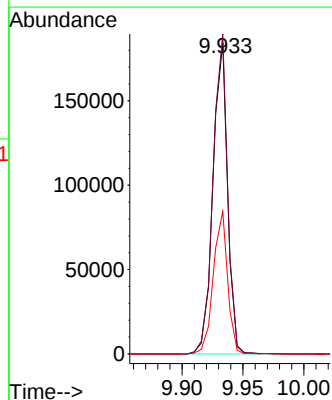
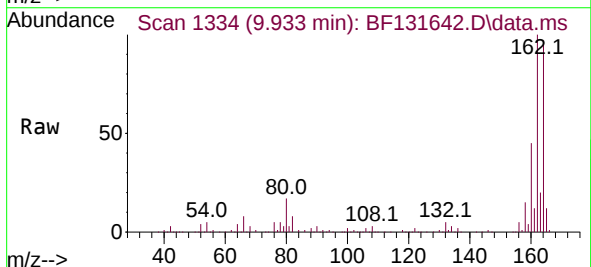
Instrument :
 BNA_F
 ClientSampleId :
 PB149637BL

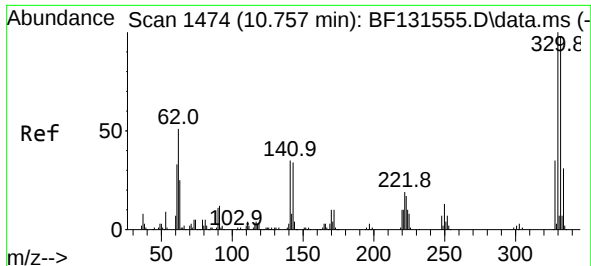
Tgt Ion: 82 Resp: 559917
 Ion Ratio Lower Upper
 82 100
 128 35.1 26.1 39.1
 54 48.0 40.6 60.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.933 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: BF131642.D
 Acq: 15 Dec 2022 11:08

Tgt Ion:164 Resp: 153695
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.0 121.6
 160 45.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 141.702 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131642.D

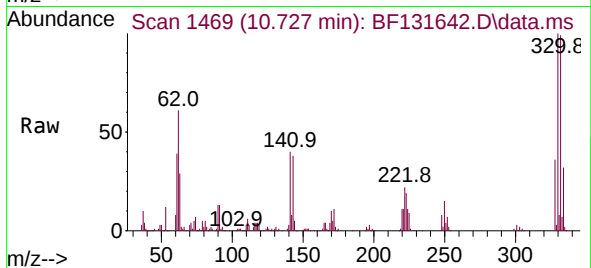
Acq: 15 Dec 2022 11:08

Instrument :

BNA_F

ClientSampleId :

PB149637BL



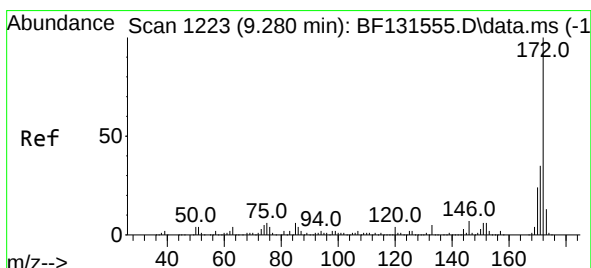
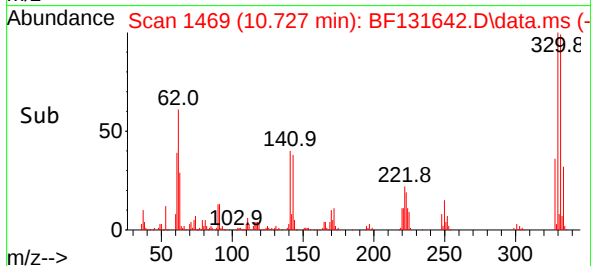
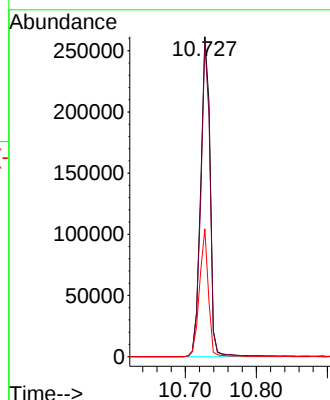
Tgt Ion:330 Resp: 241970

Ion Ratio Lower Upper

330 100

332 96.4 78.3 117.5

141 37.6 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 81.969 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131642.D

Acq: 15 Dec 2022 11:08

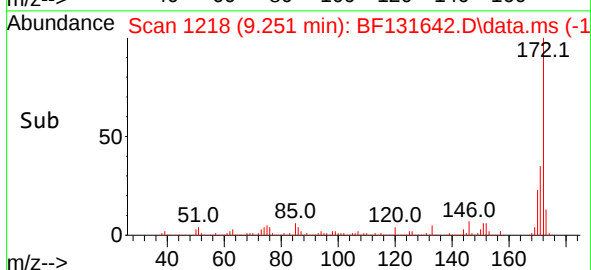
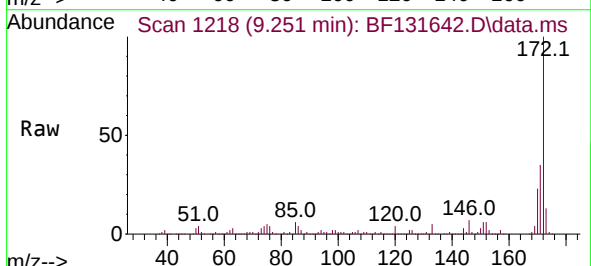
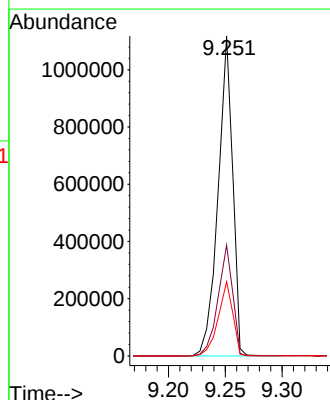
Tgt Ion:172 Resp: 999161

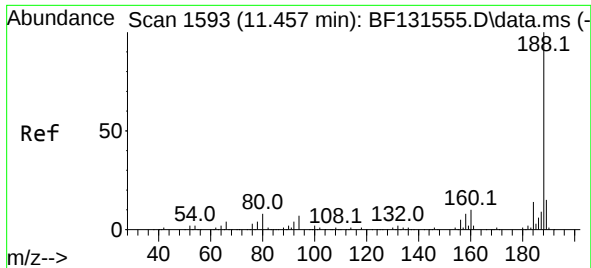
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.2 19.3 28.9

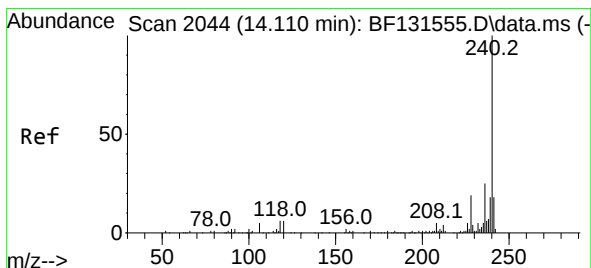
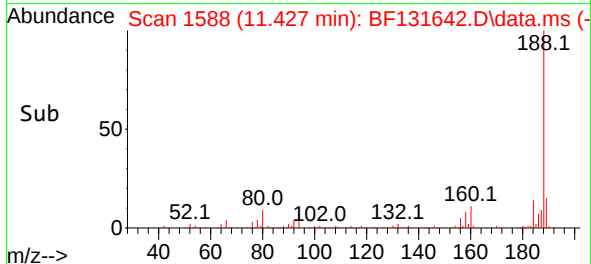
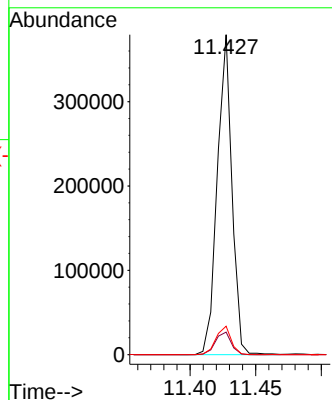
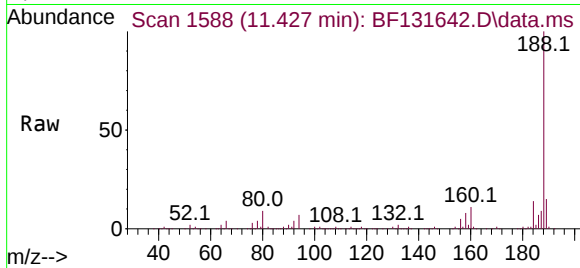




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

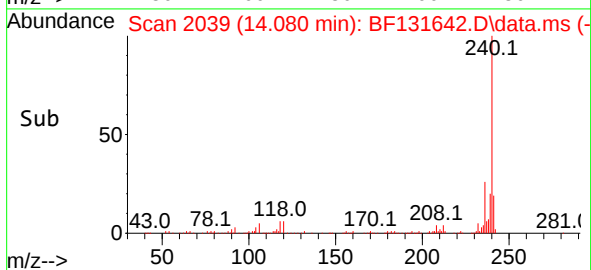
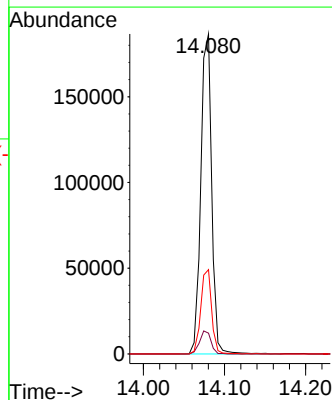
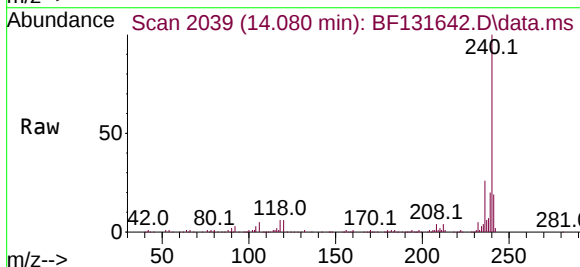
Instrument :
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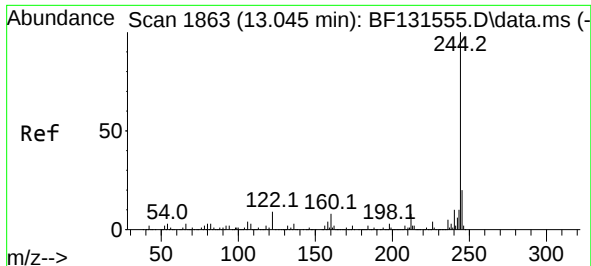
Tgt Ion:188 Resp: 296114
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 8.9 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

Tgt Ion:240 Resp: 173012
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 26.3 20.2 30.2

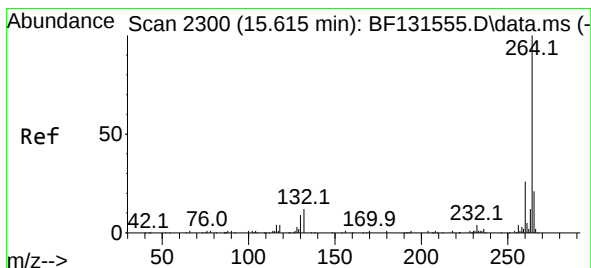
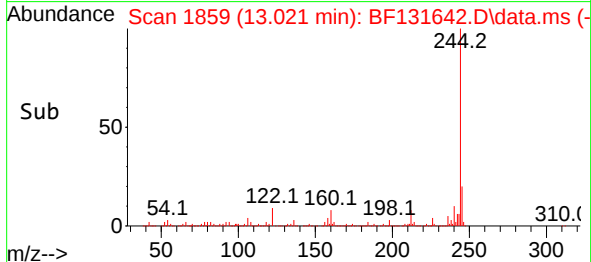
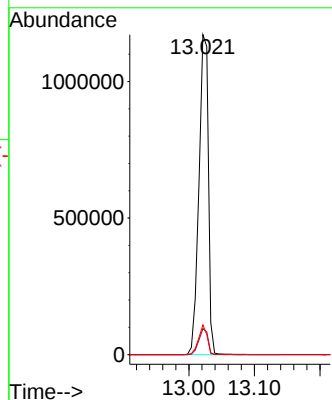
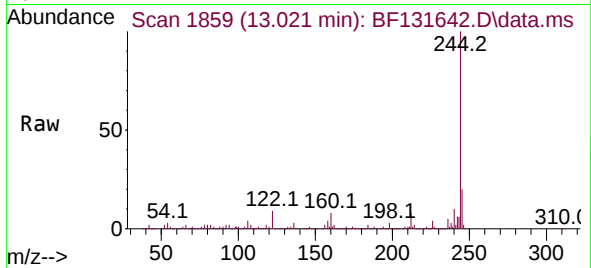




#79
 Terphenyl-d14
 Concen: 92.544 ng
 RT: 13.021 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF131642.D
 Acq: 15 Dec 2022 11:08

Instrument :
 BNA_F
 ClientSampleId :
 PB149637BL

Tgt Ion:244 Resp: 1167510
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.3 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.000 min
 Lab File: BF131642.D
 Acq: 15 Dec 2022 11:08

Tgt Ion:264 Resp: 136935
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.6 30.8
 265 21.1 16.8 25.2

