

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131563.D
 Acq On : 09 Dec 2022 12:27
 Operator : CG\JU
 Sample : PB149477BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149477BL

Quant Time: Dec 10 03:56:32 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 09 06:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	55957	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	208487	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	129657	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	260839	20.000	ng	0.00
76) Chrysene-d12	14.104	240	182286	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	120225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	501835	149.616	ng	0.01
7) Phenol-d6	6.534	99	636198	144.742	ng	0.00
23) Nitrobenzene-d5	7.475	82	458706	83.181	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	210209	145.925	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	846007	82.272	ng	0.00
79) Terphenyl-d14	13.051	244	1195718	89.958	ng	0.00

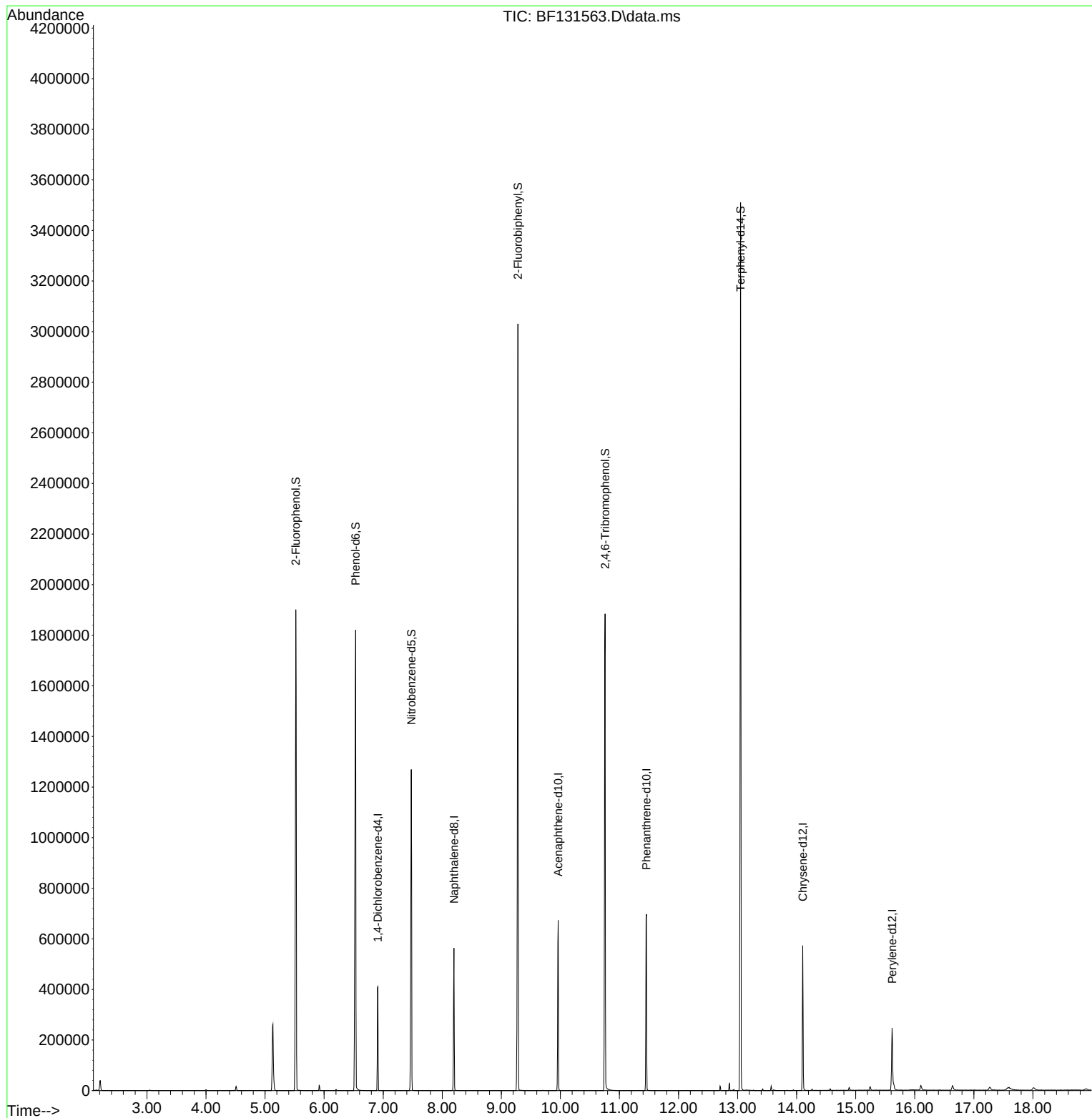
Target Compounds	Qvalue

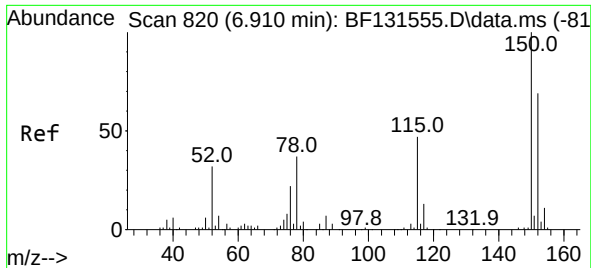
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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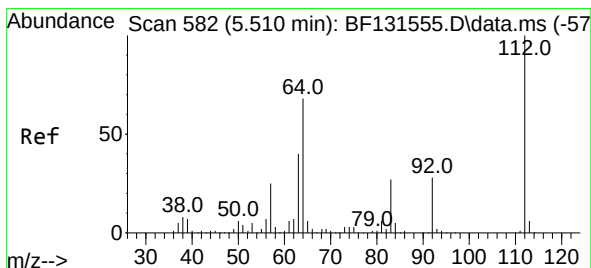
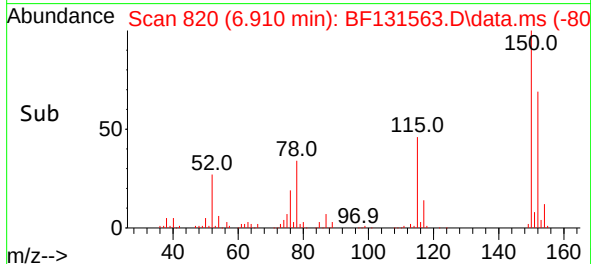
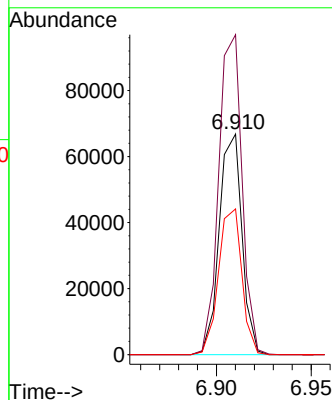
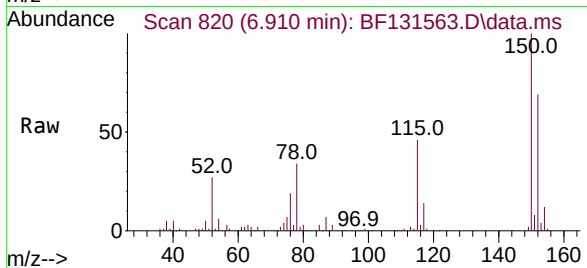




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

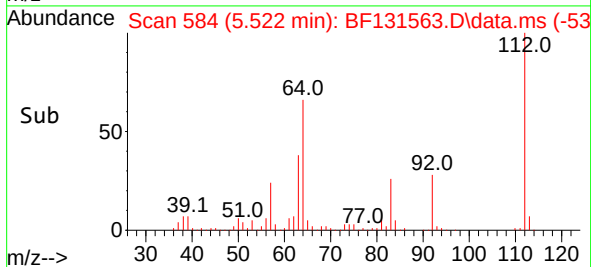
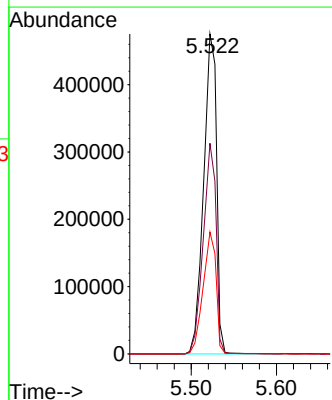
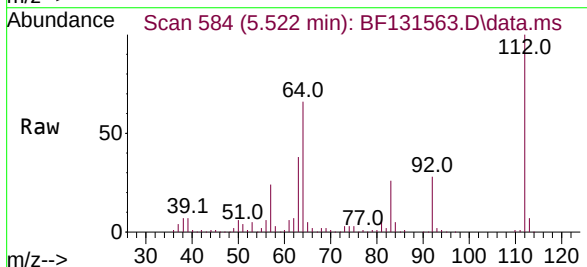
Instrument :
BNA_F
ClientSampleId :
PB149477BL

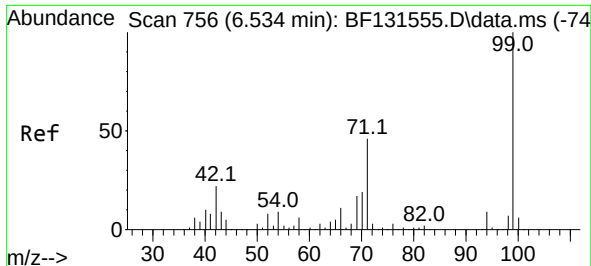
Tgt Ion:152 Resp: 55957
Ion Ratio Lower Upper
152 100
150 145.1 116.7 175.1
115 66.1 54.6 82.0



#5
2-Fluorophenol
Concen: 149.616 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

Tgt Ion:112 Resp: 501835
Ion Ratio Lower Upper
112 100
64 65.8 54.5 81.7
63 38.1 31.9 47.9

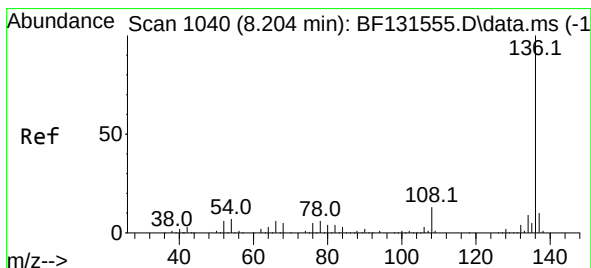
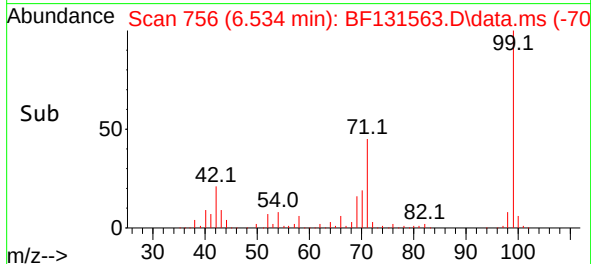
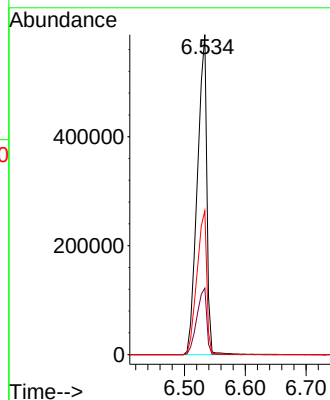
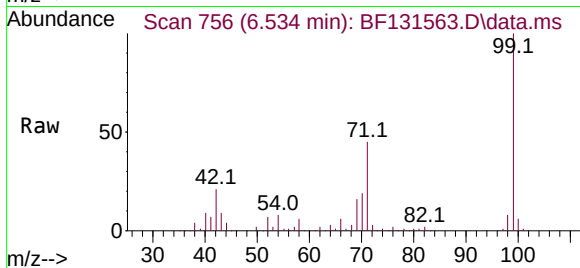




#7
Phenol-d6
Concen: 144.742 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

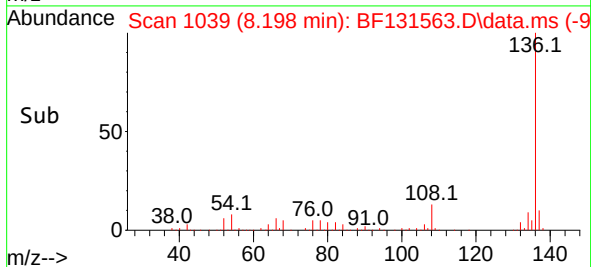
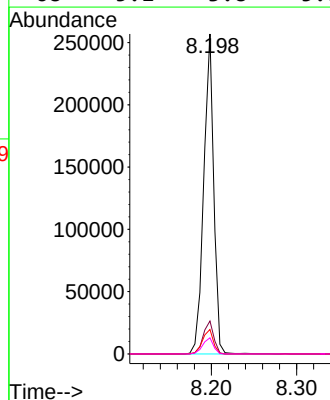
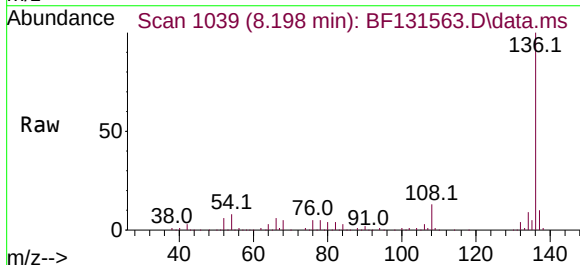
Instrument :
BNA_F
ClientSampleId :
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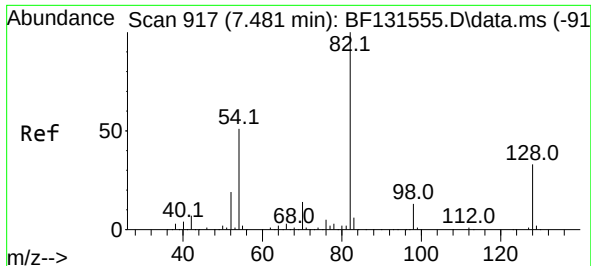
Tgt Ion: 99 Resp: 636198
Ion Ratio Lower Upper
99 100
42 20.8 17.9 26.9
71 44.9 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

Tgt Ion: 136 Resp: 208487
Ion Ratio Lower Upper
136 100
137 10.3 8.1 12.1
54 7.6 6.0 9.0
68 5.1 3.8 5.8

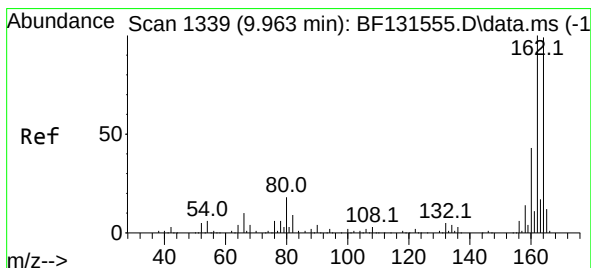
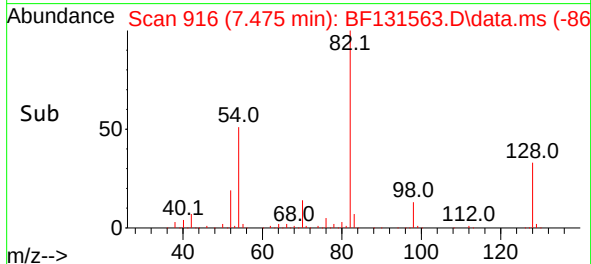
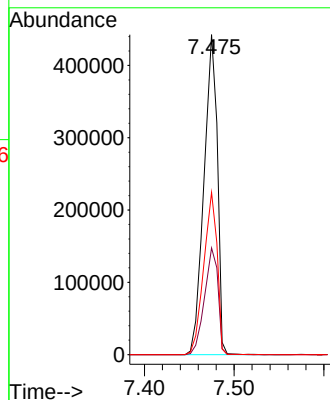
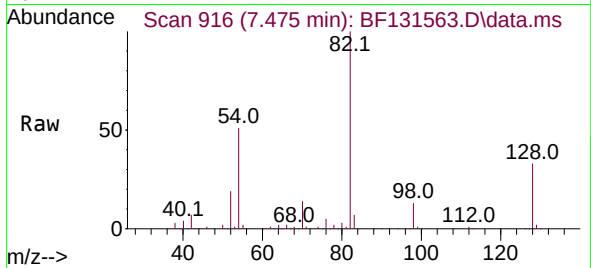




#23
Nitrobenzene-d5
Concen: 83.181 ng
RT: 7.475 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

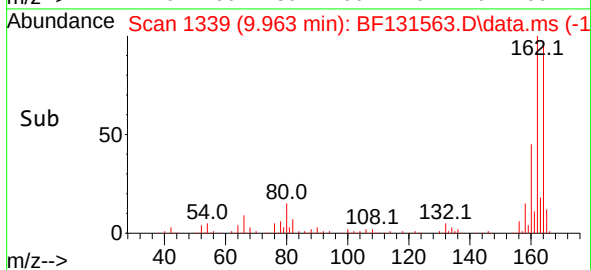
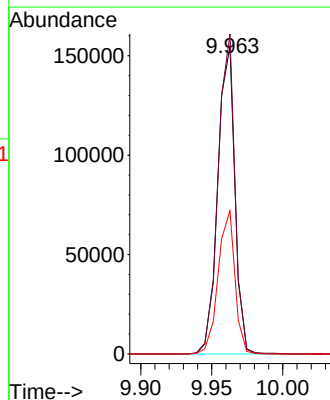
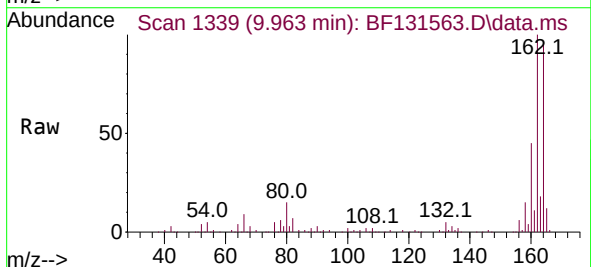
Instrument :
BNA_F
ClientSampleId :
PB149477BL

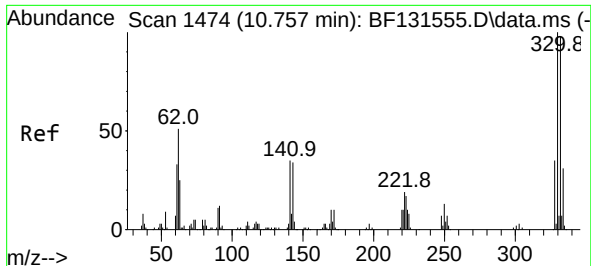
Tgt Ion: 82 Resp: 458706
Ion Ratio Lower Upper
82 100
128 33.3 26.1 39.1
54 50.7 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

Tgt Ion:164 Resp: 129657
Ion Ratio Lower Upper
164 100
162 104.0 81.0 121.6
160 46.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 145.925 ng

RT: 10.757 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131563.D

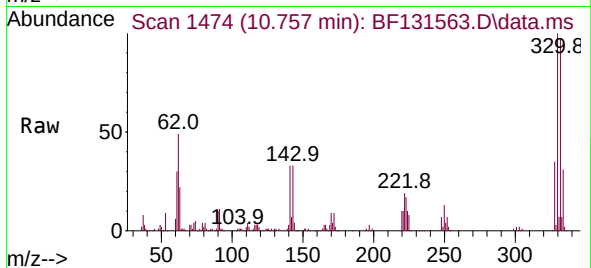
Acq: 09 Dec 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB149477BL



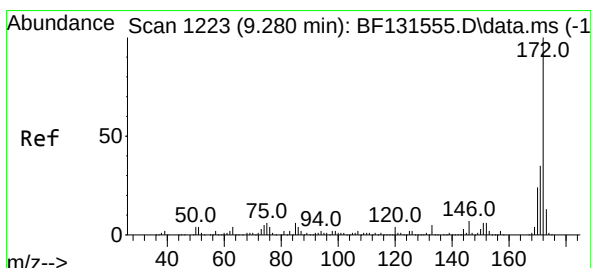
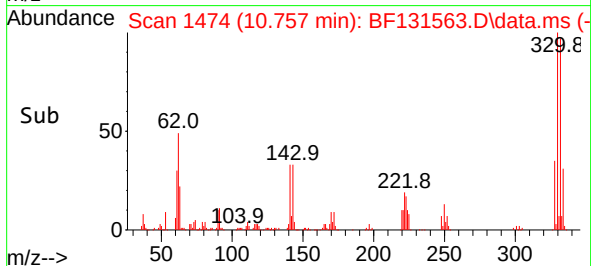
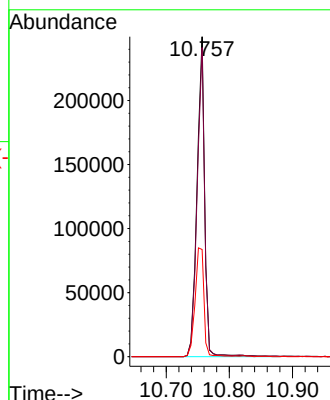
Tgt Ion:330 Resp: 210209

Ion Ratio Lower Upper

330 100

332 94.8 78.3 117.5

141 39.2 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 82.272 ng

RT: 9.280 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131563.D

Acq: 09 Dec 2022 12:27

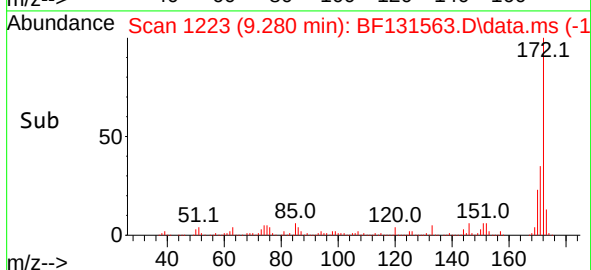
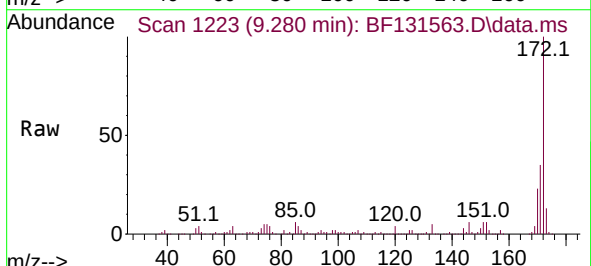
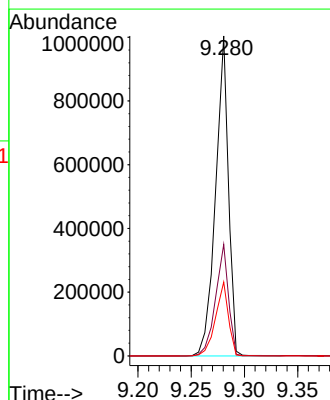
Tgt Ion:172 Resp: 846007

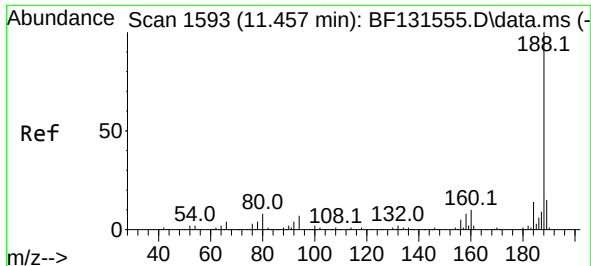
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.1 19.3 28.9

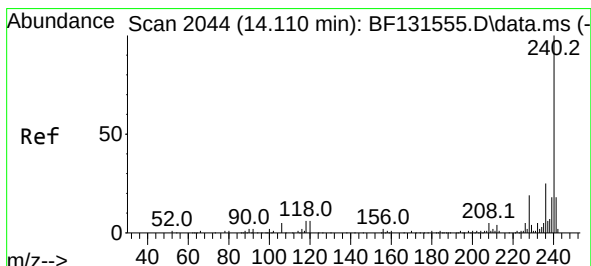
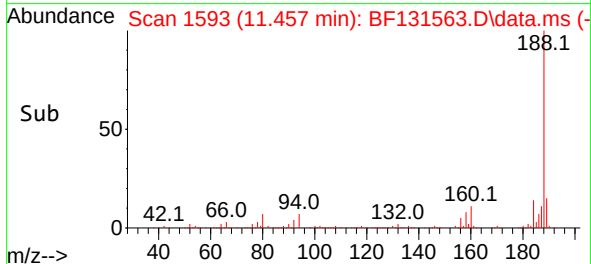
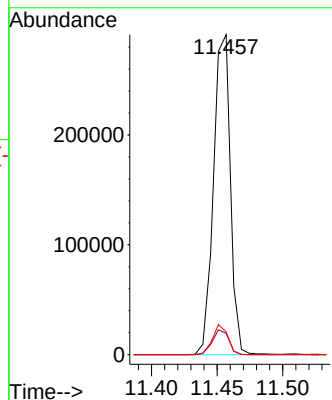
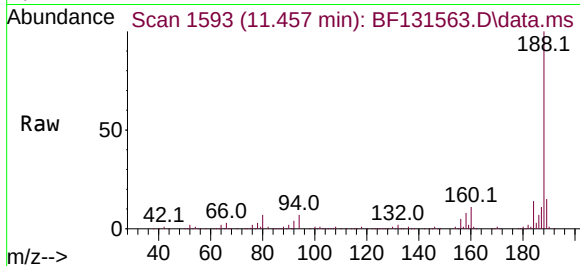




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

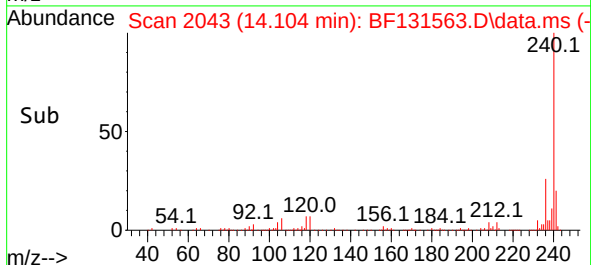
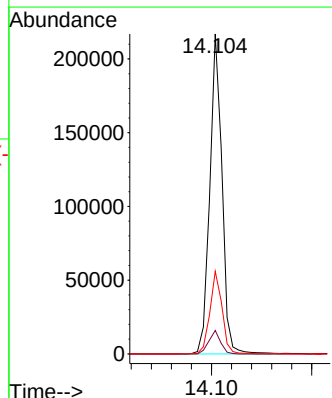
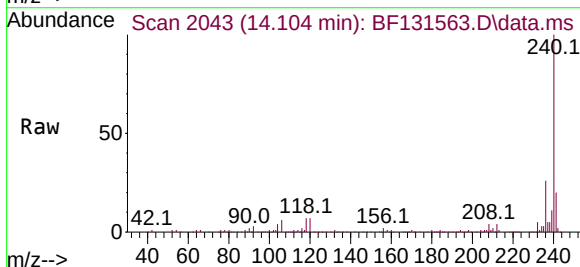
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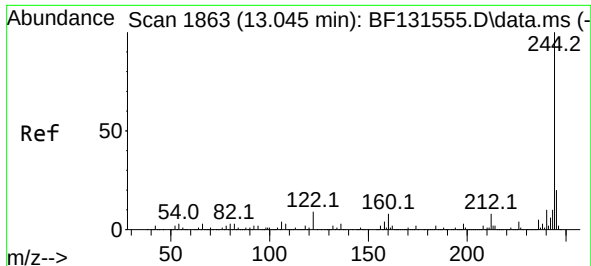
Tgt Ion:188 Resp: 260839
Ion Ratio Lower Upper
188 100
94 6.7 5.5 8.3
80 7.1 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

Tgt Ion:240 Resp: 182286
Ion Ratio Lower Upper
240 100
120 7.3 4.6 7.0#
236 25.8 20.2 30.2

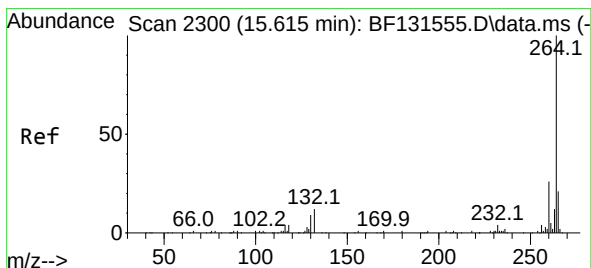
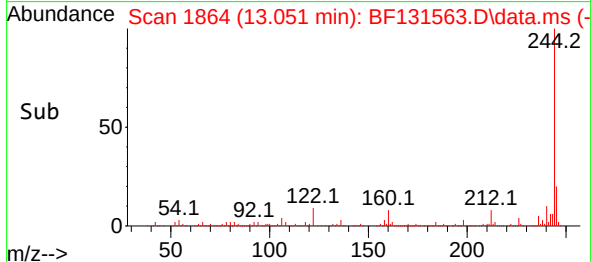
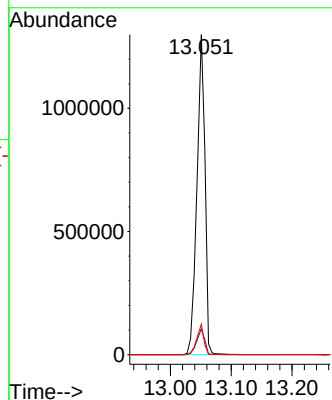
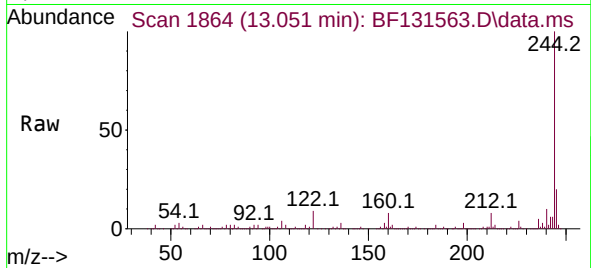




#79
 Terphenyl-d14
 Concen: 89.958 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131563.D
 Acq: 09 Dec 2022 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB149477BL

Tgt Ion:244 Resp: 1195718
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.4 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2300
 Delta R.T. 0.000 min
 Lab File: BF131563.D
 Acq: 09 Dec 2022 12:27

Tgt Ion:264 Resp: 120225
 Ion Ratio Lower Upper
 264 100
 260 22.7 20.6 30.8
 265 20.5 16.8 25.2

