

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131614.D
 Acq On : 13 Dec 2022 16:07
 Operator : CG\JU
 Sample : N6005-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP

Quant Time: Dec 13 16:31:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 15:45:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	56697	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	202046	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	114524	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	220495	20.000	ng	0.00
76) Chrysene-d12	14.080	240	143699	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	102026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	49414	14.540	ng	0.00
7) Phenol-d6	6.510	99	41598	9.340	ng	-0.01
23) Nitrobenzene-d5	7.445	82	288129	53.915	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	28597	22.475	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	440598	48.508	ng	0.00
79) Terphenyl-d14	13.022	244	335007	31.972	ng	0.00

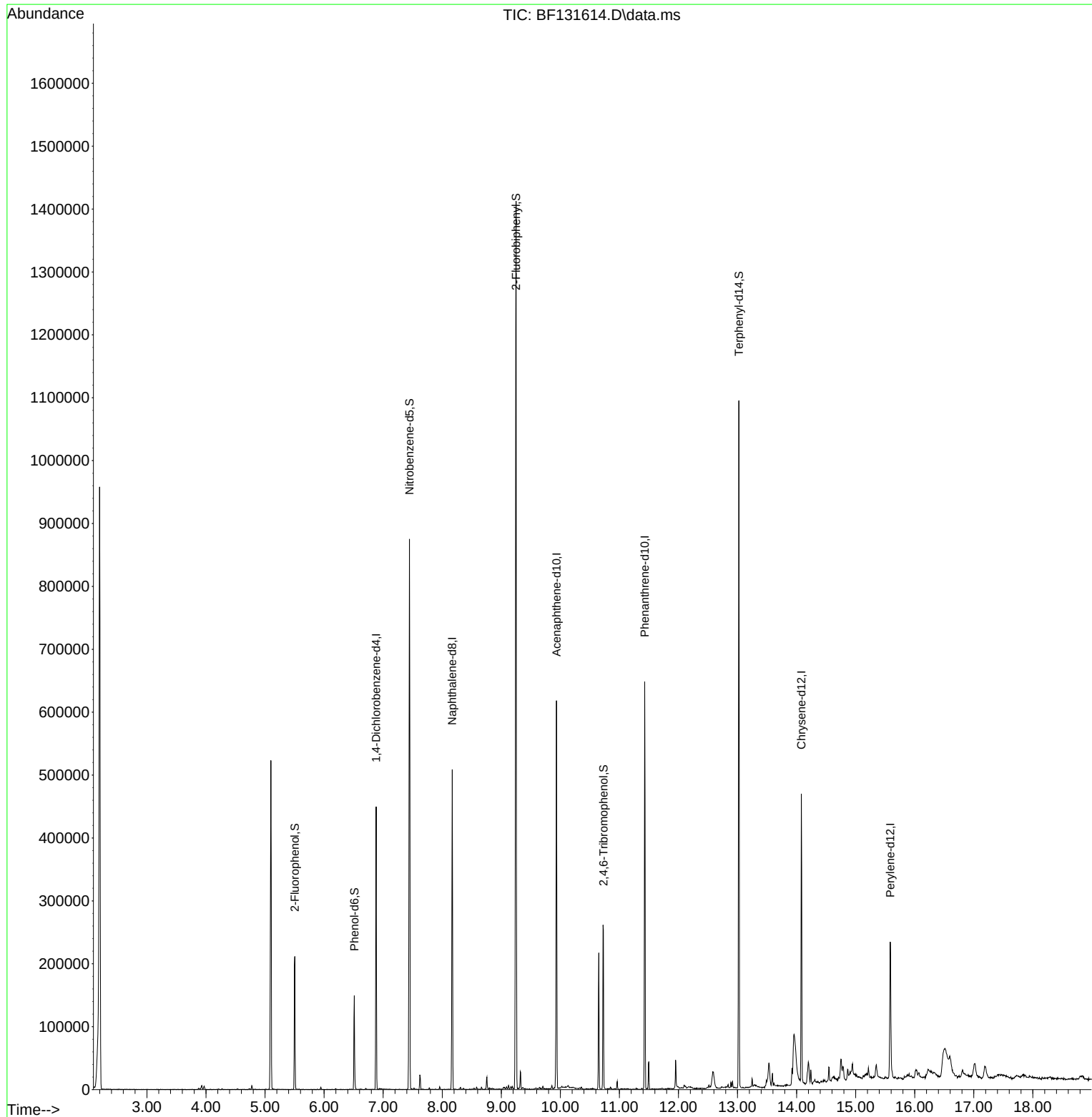
Target Compounds	Qvalue

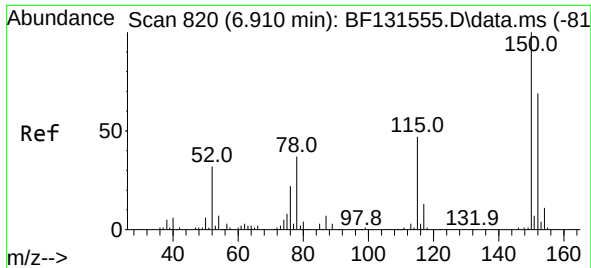
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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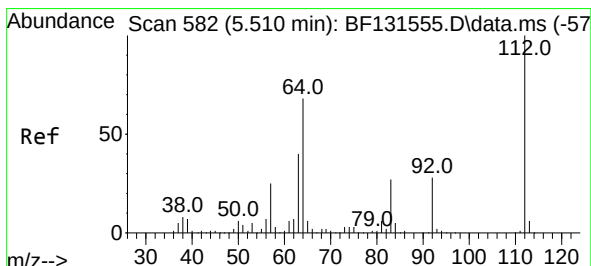
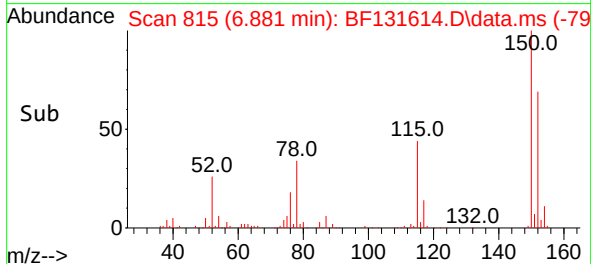
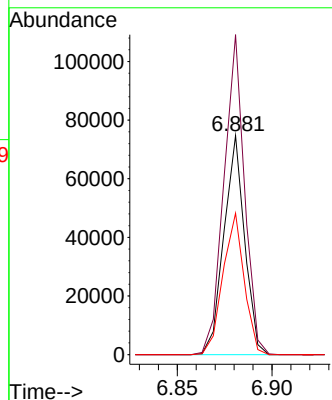
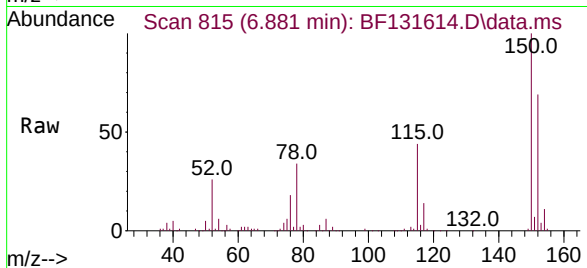




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

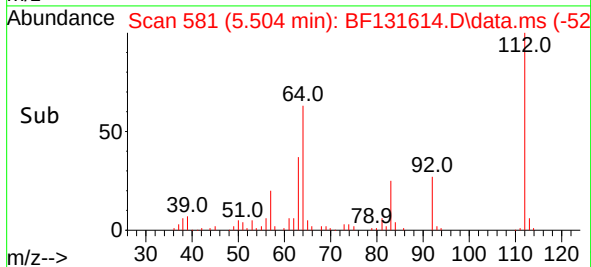
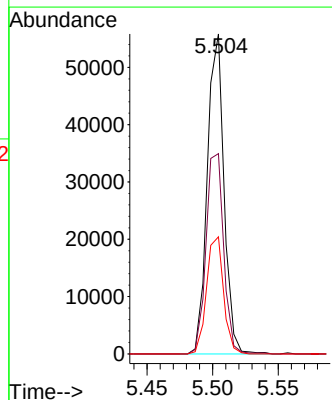
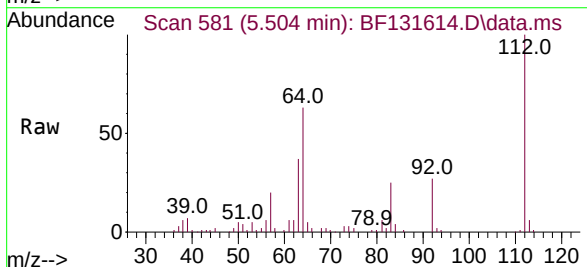
Instrument :
BNA_F
ClientSampleId :
TP

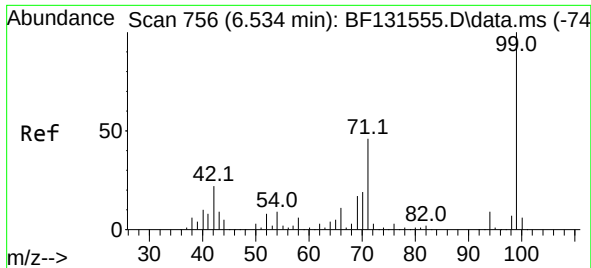
Tgt Ion:152 Resp: 56697
Ion Ratio Lower Upper
152 100
150 146.0 116.7 175.1
115 64.5 54.6 82.0



#5
2-Fluorophenol
Concen: 14.540 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

Tgt Ion:112 Resp: 49414
Ion Ratio Lower Upper
112 100
64 62.6 54.5 81.7
63 36.6 31.9 47.9

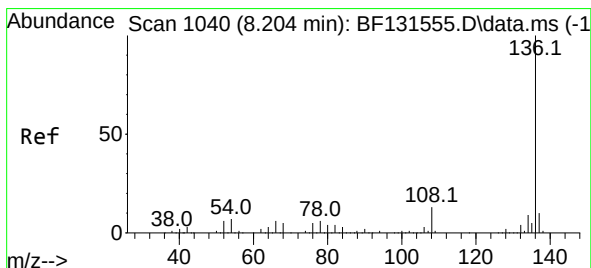
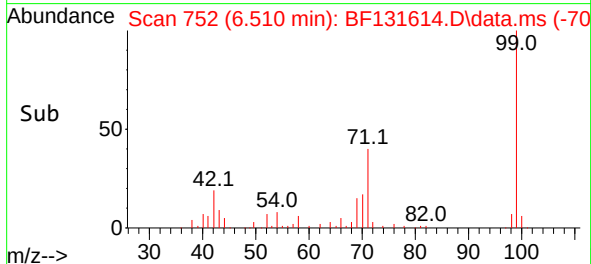
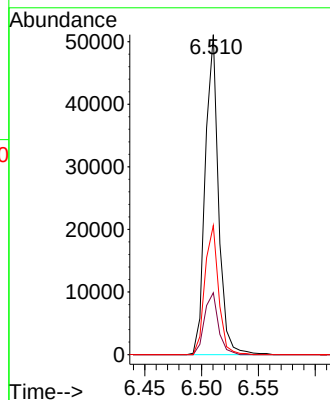
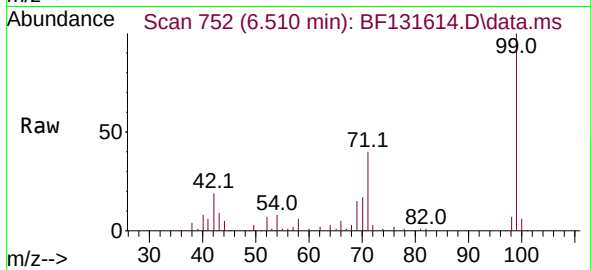




#7
Phenol-d6
Concen: 9.340 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

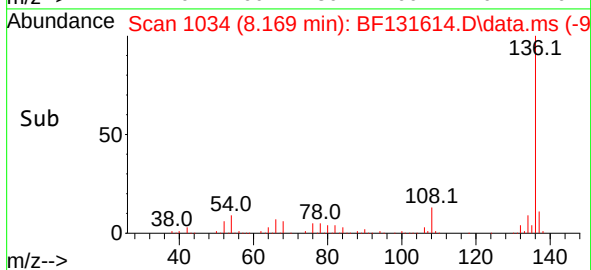
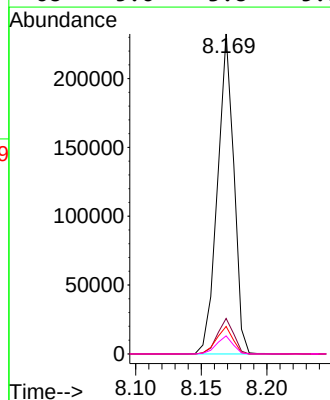
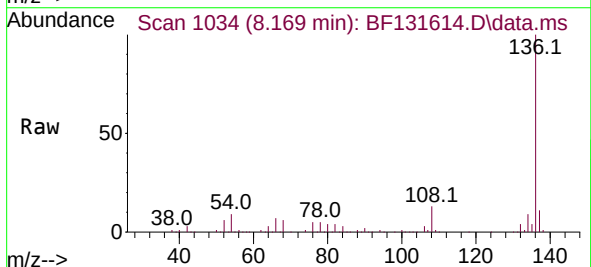
Instrument :
BNA_F
ClientSampleId :
TP

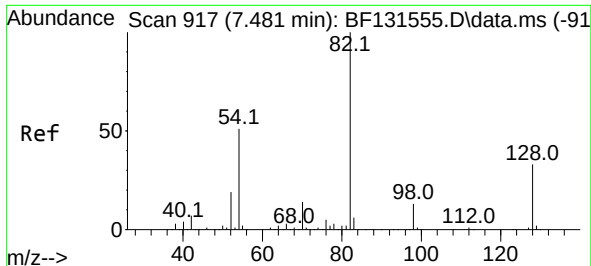
Tgt Ion: 99 Resp: 41598
Ion Ratio Lower Upper
99 100
42 19.3 17.9 26.9
71 40.3 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

Tgt Ion: 136 Resp: 202046
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 8.6 6.0 9.0
68 5.6 3.8 5.8

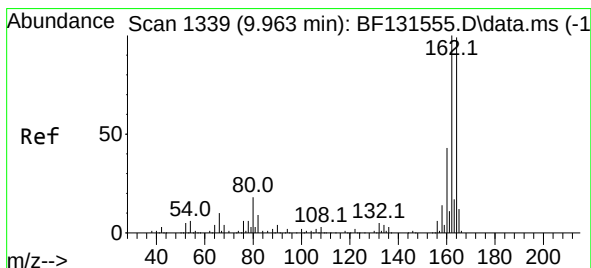
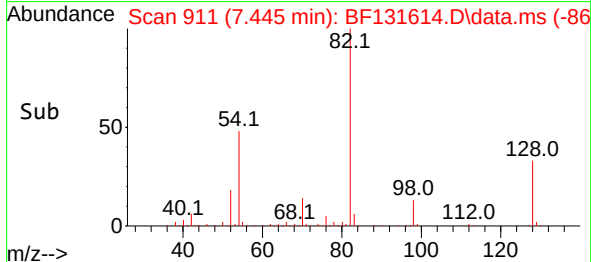
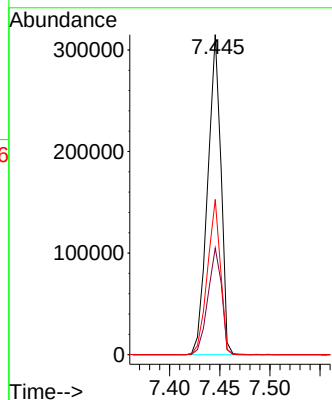
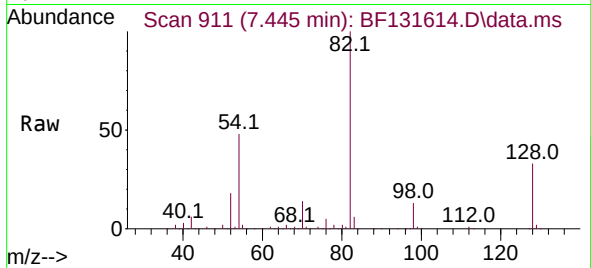




#23
Nitrobenzene-d5
Concen: 53.915 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

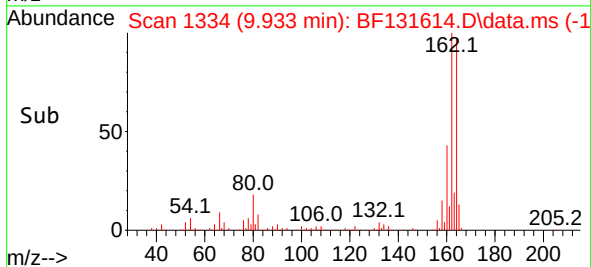
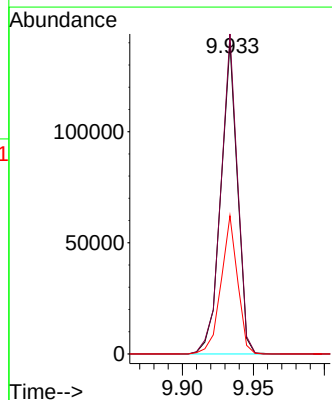
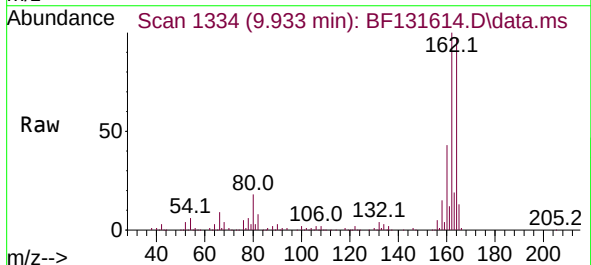
Instrument :
BNA_F
ClientSampleId :
TP

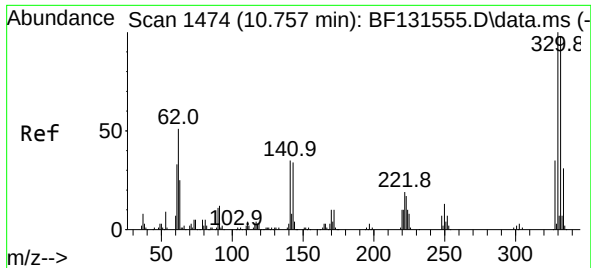
Tgt Ion: 82 Resp: 288129
Ion Ratio Lower Upper
82 100
128 33.3 26.1 39.1
54 48.5 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

Tgt Ion:164 Resp: 114524
Ion Ratio Lower Upper
164 100
162 102.8 81.0 121.6
160 44.4 35.0 52.6

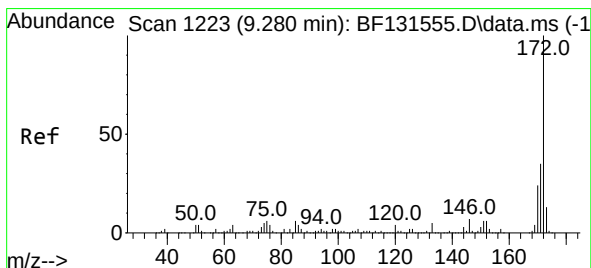
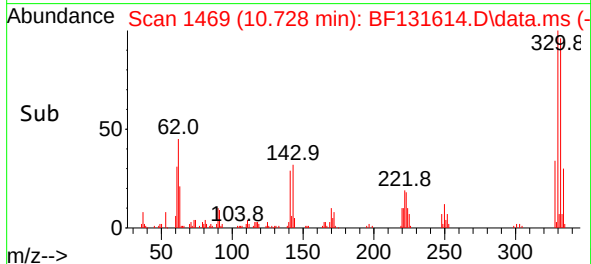
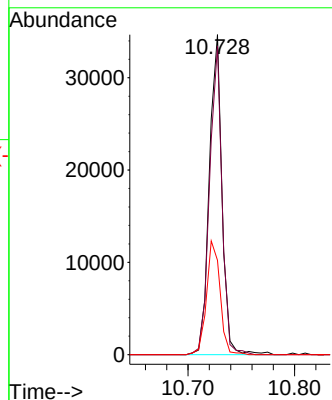
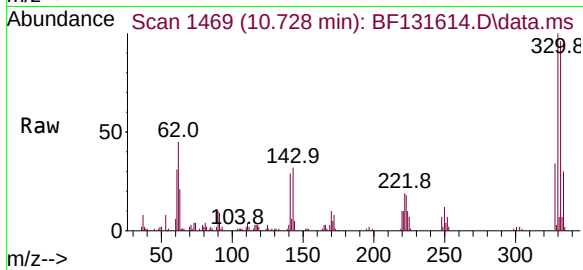




#42
2,4,6-Tribromophenol
Concen: 22.475 ng
RT: 10.728 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

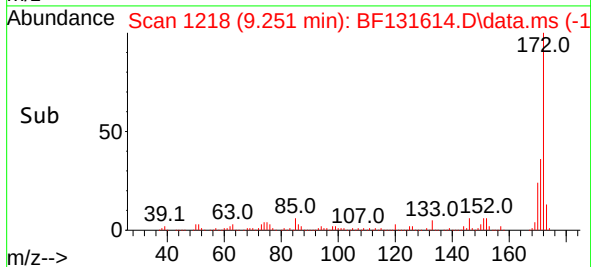
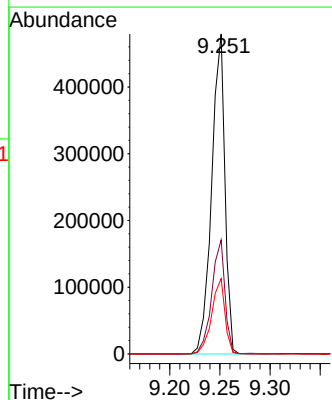
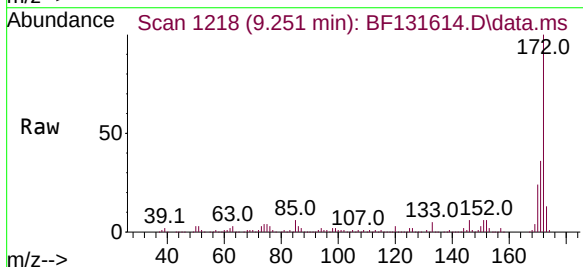
Instrument :
BNA_F
ClientSampleId :
TP

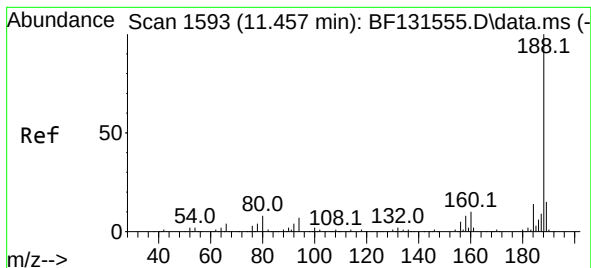
Tgt Ion: 330 Resp: 28597
Ion Ratio Lower Upper
330 100
332 94.8 78.3 117.5
141 37.8 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 48.508 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

Tgt Ion: 172 Resp: 440598
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131614.D

Acq: 13 Dec 2022 16:07

Instrument :

BNA_F

ClientSampleId :

TP

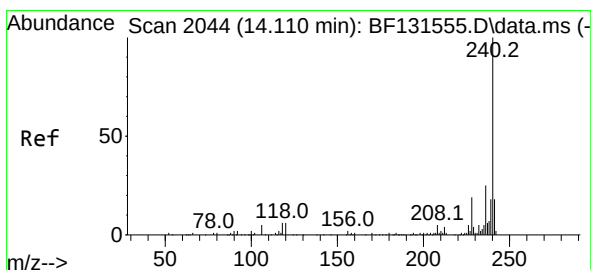
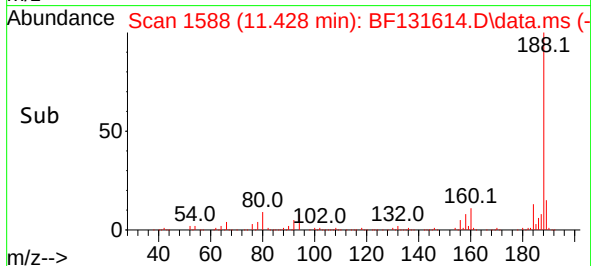
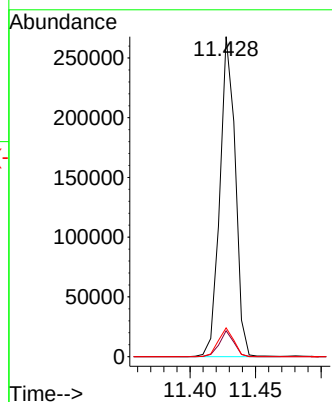
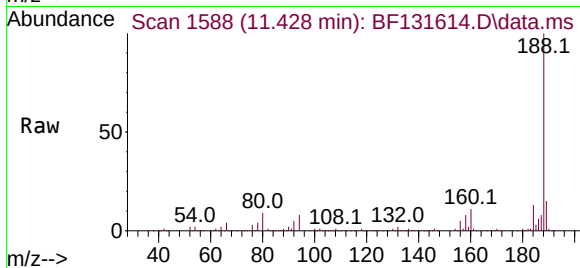
Tgt Ion:188 Resp: 220495

Ion Ratio Lower Upper

188 100

94 8.1 5.5 8.3

80 9.0 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF131614.D

Acq: 13 Dec 2022 16:07

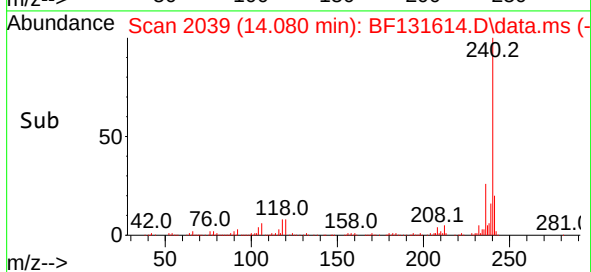
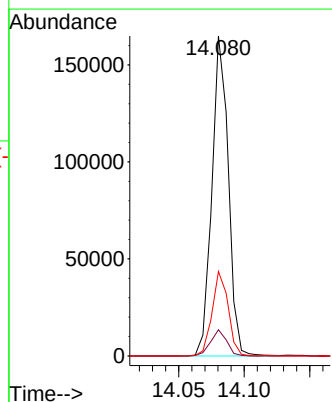
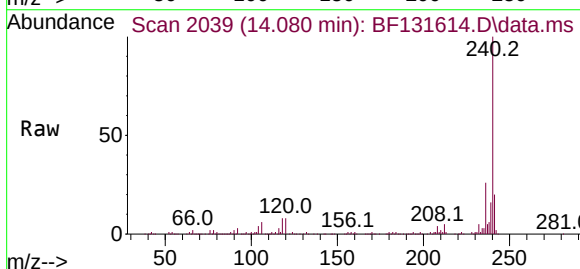
Tgt Ion:240 Resp: 143699

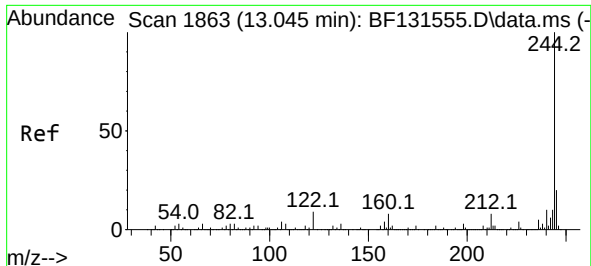
Ion Ratio Lower Upper

240 100

120 8.2 4.6 7.0#

236 26.4 20.2 30.2

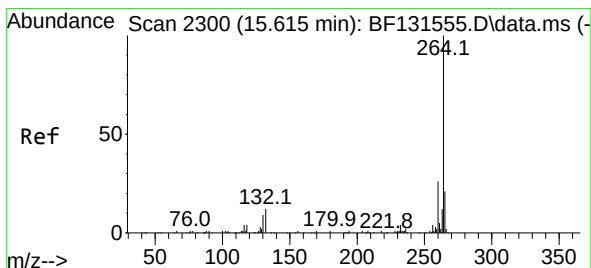
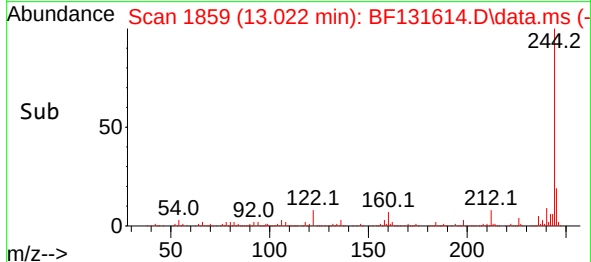
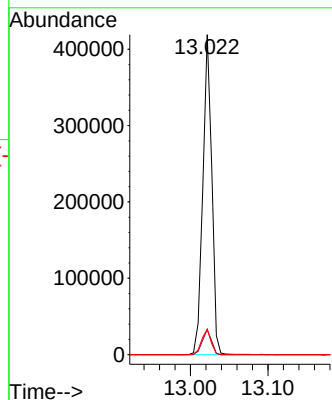
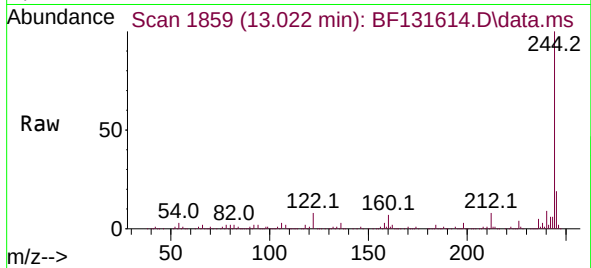




#79
 Terphenyl-d14
 Concen: 31.972 ng
 RT: 13.022 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: BF131614.D
 Acq: 13 Dec 2022 16:07

Instrument :
 BNA_F
 ClientSampleId :
 TP

Tgt Ion:244 Resp: 335007
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.0 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131614.D
 Acq: 13 Dec 2022 16:07

Tgt Ion:264 Resp: 102026
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.6 30.8
 265 21.8 16.8 25.2

