

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131686.D
 Acq On : 19 Dec 2022 12:54
 Operator : CG\JU
 Sample : SP6088
 Misc : 8270/625 SURROGATE
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6088

Quant Time: Dec 20 01:02:41 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 20 00:23:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	60653	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	220622	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	129817	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	256530	20.000	ng	0.00
76) Chrysene-d12	14.074	240	177631	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	136012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	654510	180.026	ng	0.02
7) Phenol-d6	6.504	99	845957	177.563	ng	0.00
23) Nitrobenzene-d5	7.439	82	594519	101.879	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	250706	173.823	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1065984	103.536	ng	0.00
79) Terphenyl-d14	13.015	244	1294025	99.905	ng	0.00

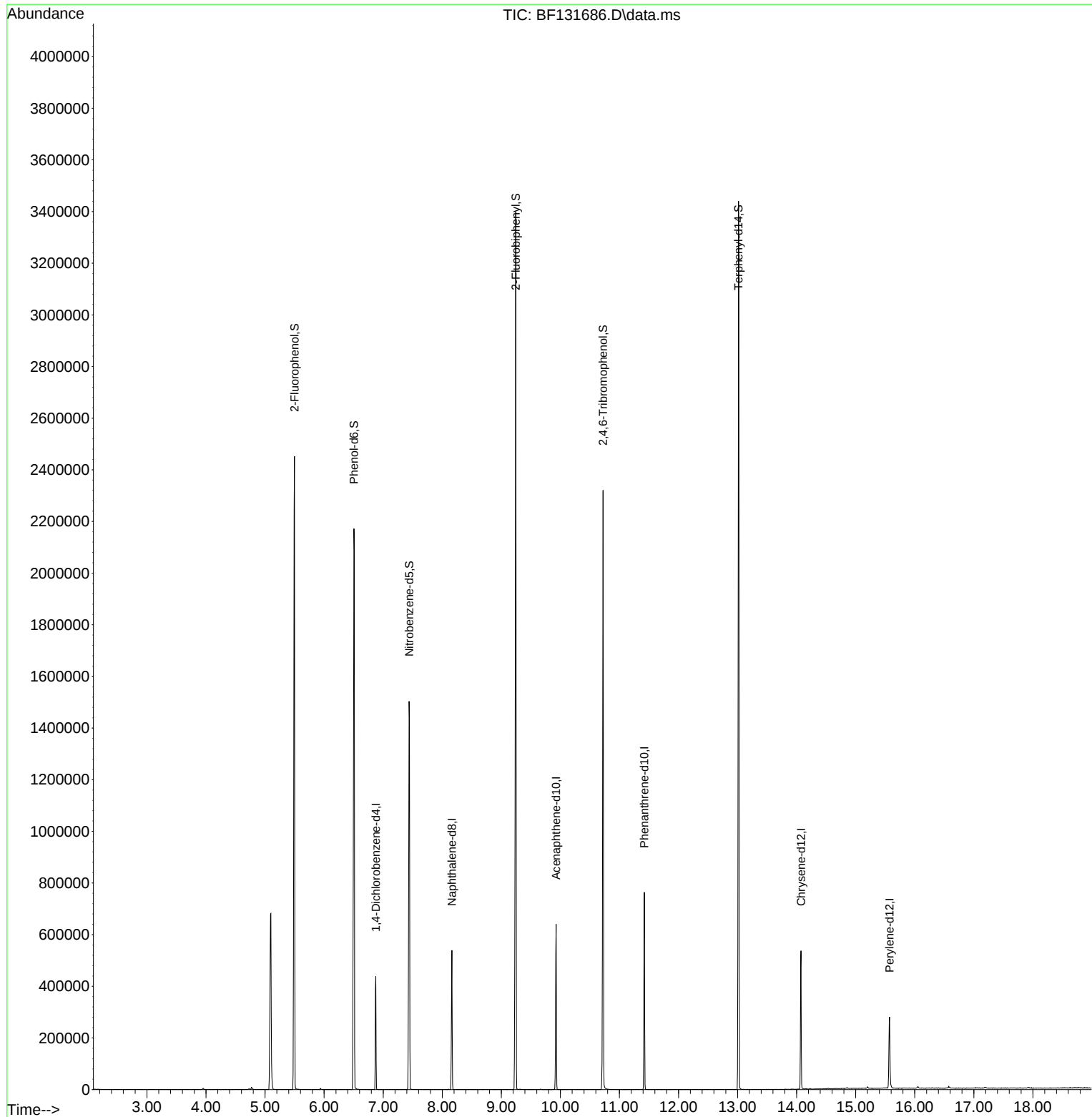
Target Compounds	Qvalue

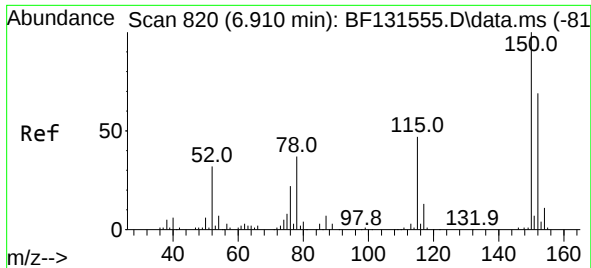
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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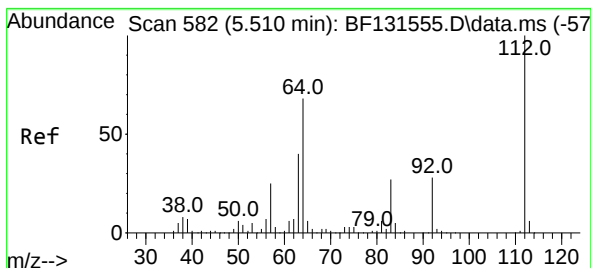
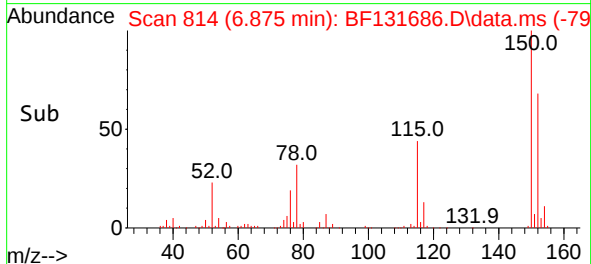
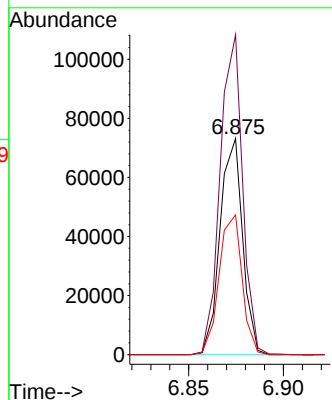
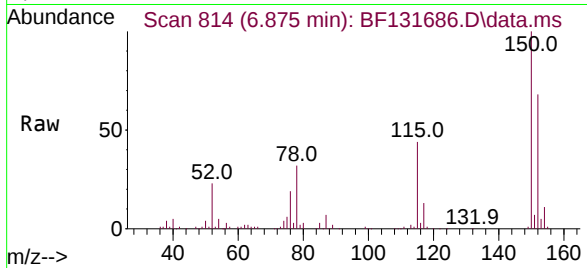




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

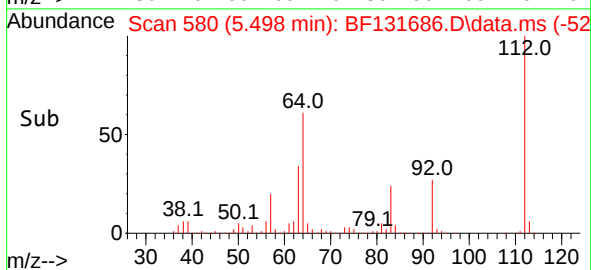
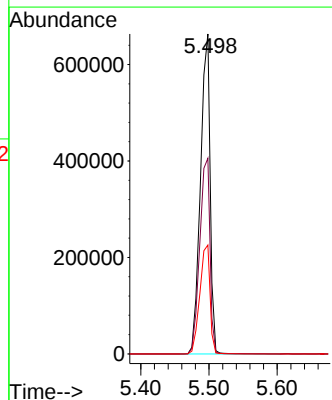
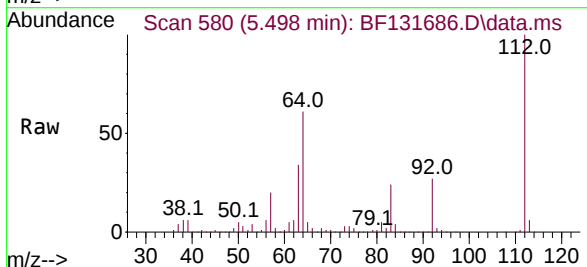
Instrument :
BNA_F
ClientSampleId :
SP6088

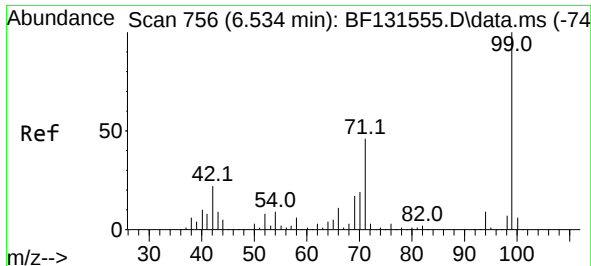
Tgt Ion:152 Resp: 60653
Ion Ratio Lower Upper
152 100
150 148.1 116.7 175.1
115 64.7 54.6 82.0



#5
2-Fluorophenol
Concen: 180.026 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

Tgt Ion:112 Resp: 654510
Ion Ratio Lower Upper
112 100
64 61.1 54.5 81.7
63 34.0 31.9 47.9

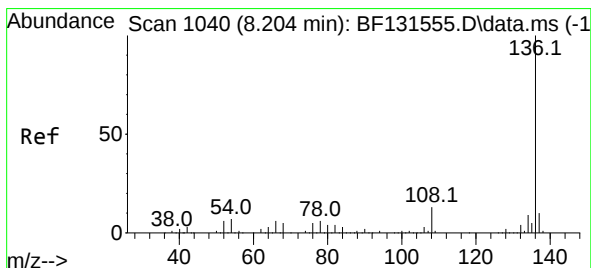
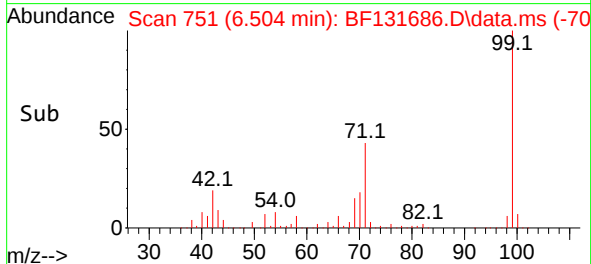
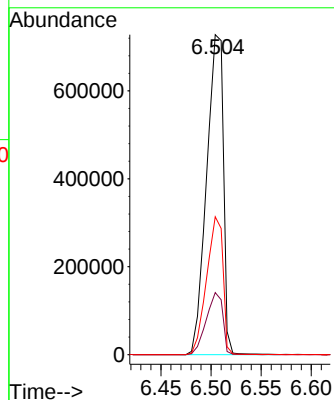
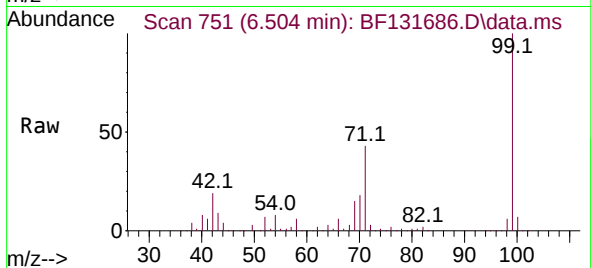




#7
Phenol-d6
Concen: 177.563 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

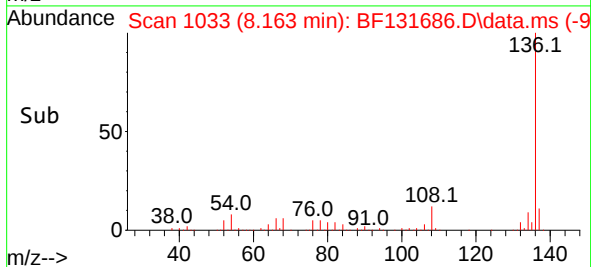
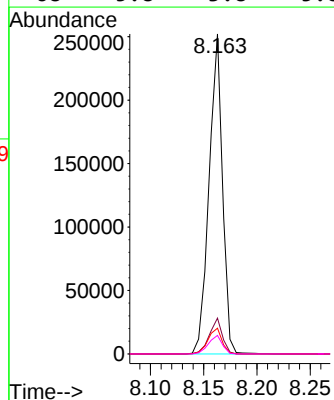
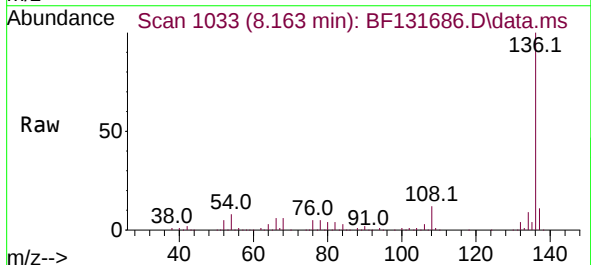
Instrument :
BNA_F
ClientSampleId :
SP6088

Tgt Ion: 99 Resp: 845957
Ion Ratio Lower Upper
99 100
42 19.4 17.9 26.9
71 43.1 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

Tgt Ion: 136 Resp: 220622
Ion Ratio Lower Upper
136 100
137 11.2 8.1 12.1
54 8.1 6.0 9.0
68 5.8 3.8 5.8#

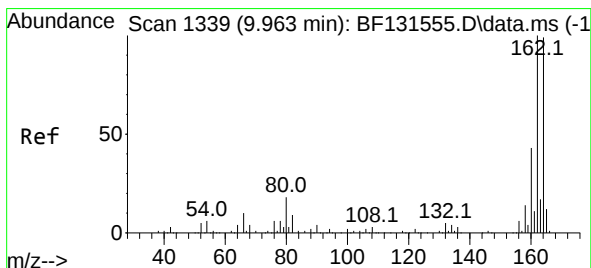
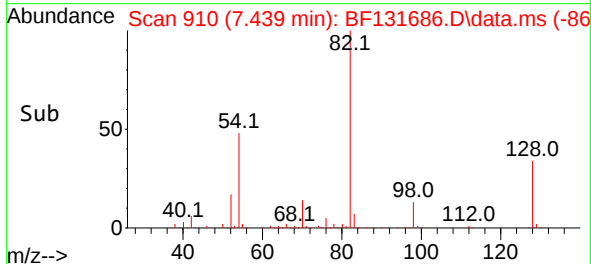
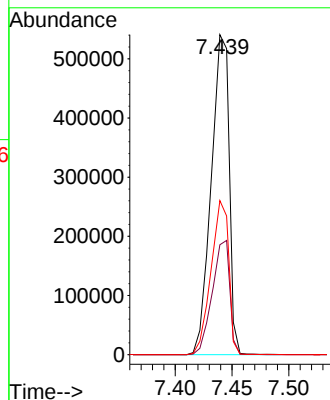
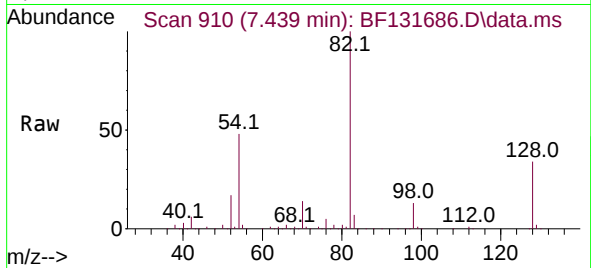




#23
Nitrobenzene-d5
Concen: 101.879 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

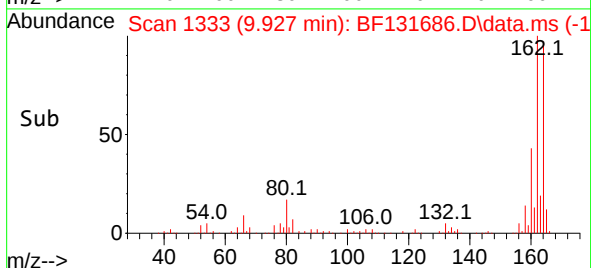
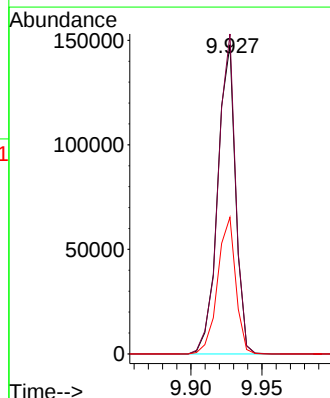
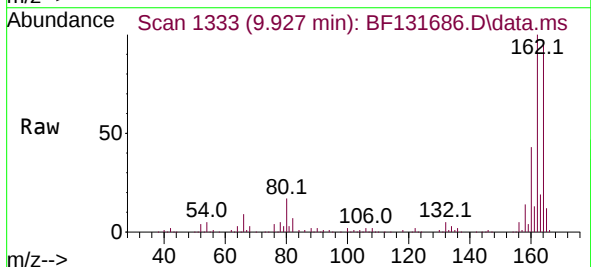
Instrument :
BNA_F
ClientSampleId :
SP6088

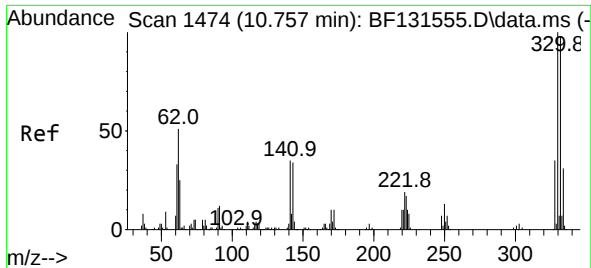
Tgt Ion: 82 Resp: 594519
Ion Ratio Lower Upper
82 100
128 34.3 26.1 39.1
54 48.1 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

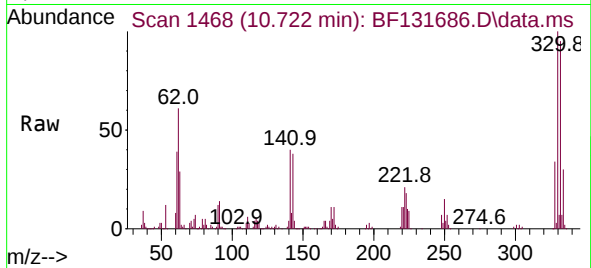
Tgt Ion:164 Resp: 129817
Ion Ratio Lower Upper
164 100
162 103.5 81.0 121.6
160 44.2 35.0 52.6



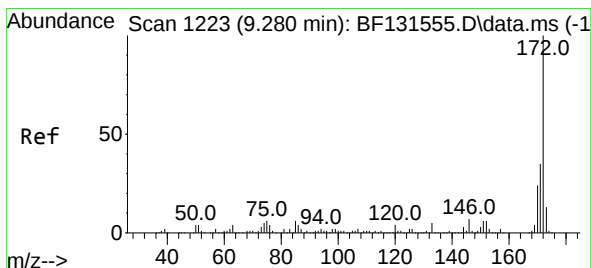
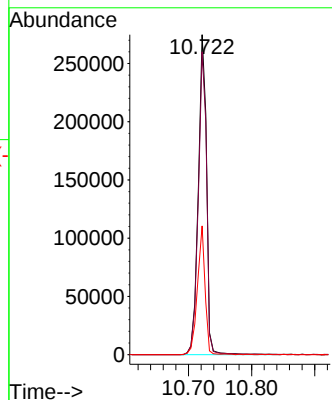
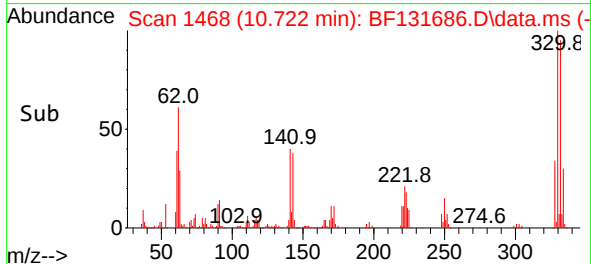


#42
2,4,6-Tribromophenol
Concen: 173.823 ng
RT: 10.722 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

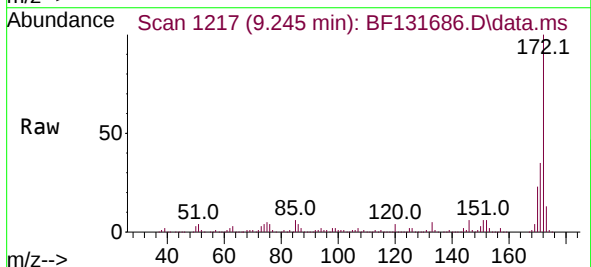
Instrument :
BNA_F
ClientSampleId :
SP6088



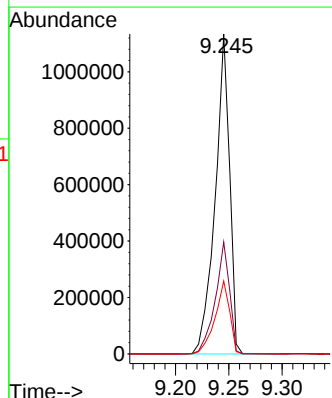
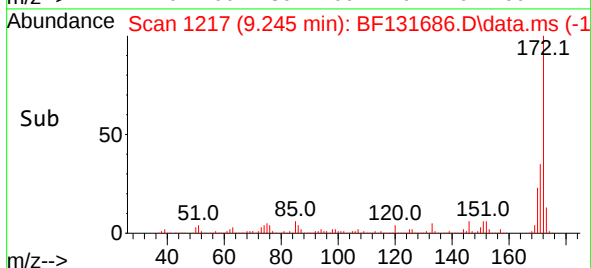
Tgt Ion:330 Resp: 250706
Ion Ratio Lower Upper
330 100
332 95.0 78.3 117.5
141 37.3 32.6 49.0

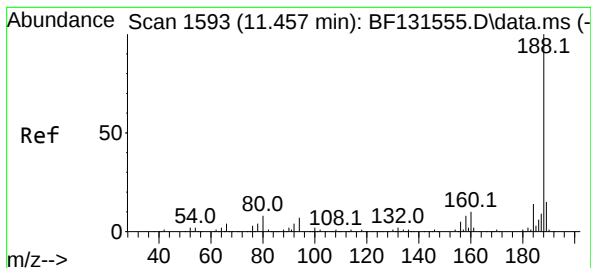


#45
2-Fluorobiphenyl
Concen: 103.536 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54



Tgt Ion:172 Resp: 1065984
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.8 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131686.D

Acq: 19 Dec 2022 12:54

Instrument :

BNA_F

ClientSampleId :

SP6088

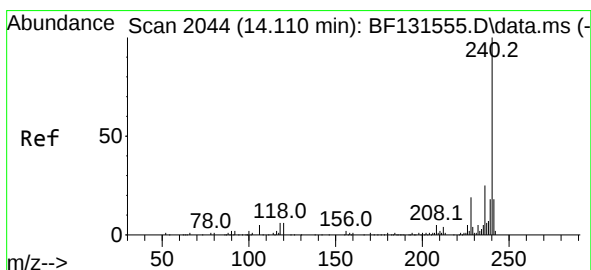
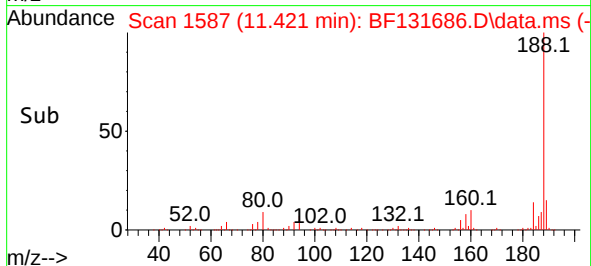
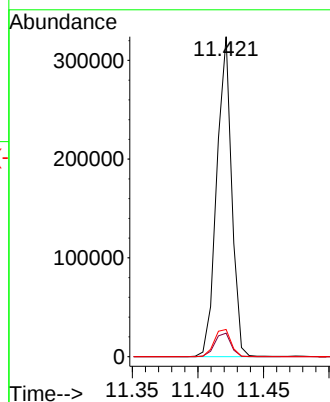
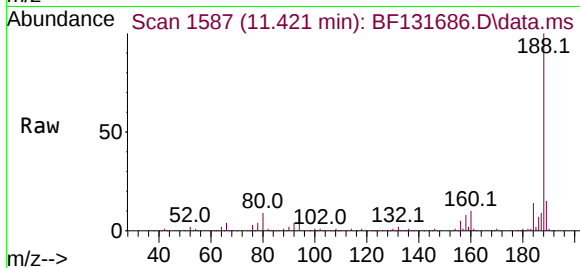
Tgt Ion:188 Resp: 256530

Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

80 8.5 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF131686.D

Acq: 19 Dec 2022 12:54

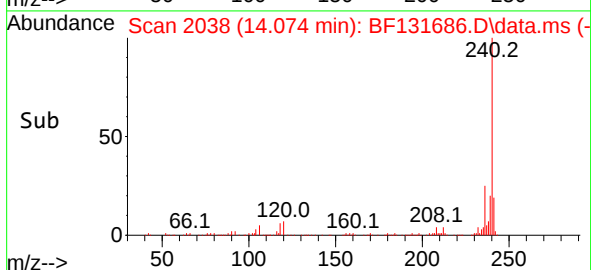
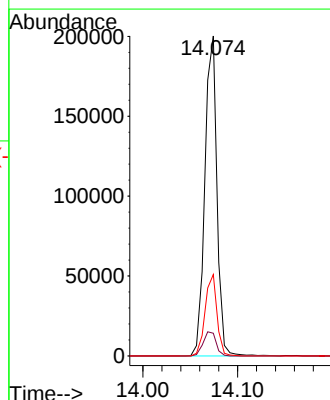
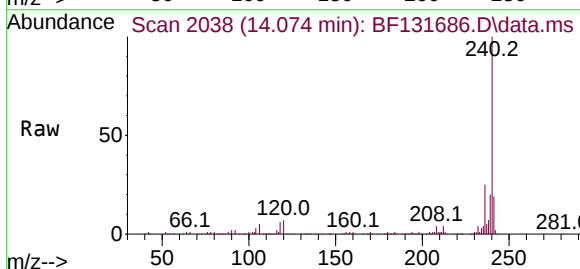
Tgt Ion:240 Resp: 177631

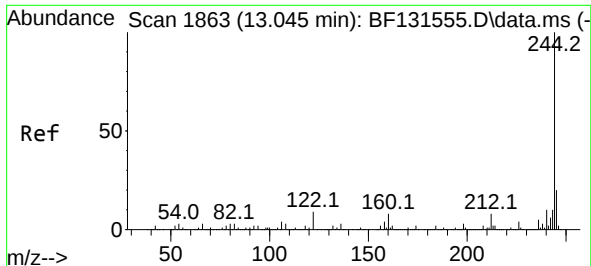
Ion Ratio Lower Upper

240 100

120 7.1 4.6 7.0#

236 25.4 20.2 30.2

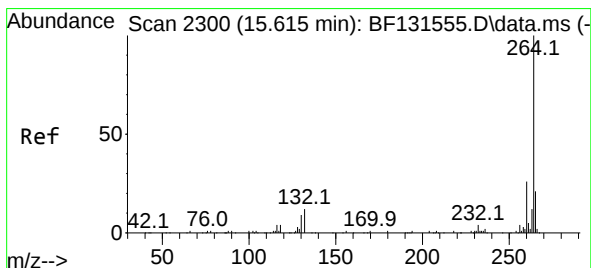
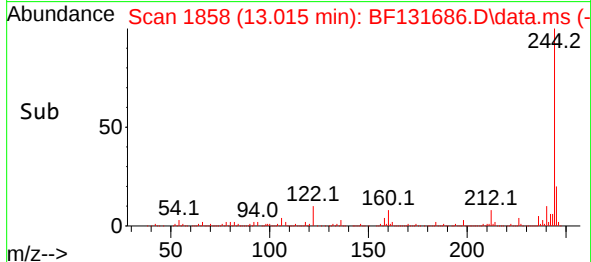
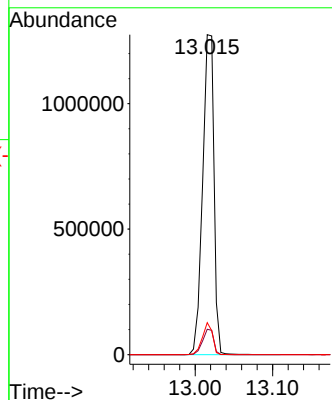
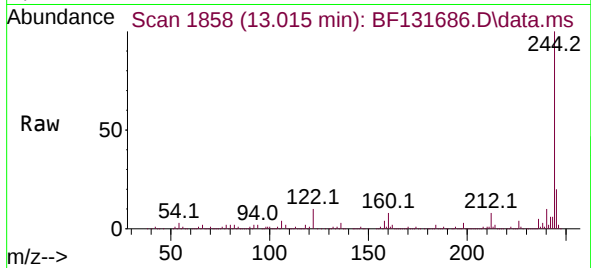




#79
 Terphenyl-d14
 Concen: 99.905 ng
 RT: 13.015 min Scan# 1863
 Delta R.T. 0.006 min
 Lab File: BF131686.D
 Acq: 19 Dec 2022 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SP6088

Tgt Ion:244 Resp: 1294025
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 10.0 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. -0.000 min
 Lab File: BF131686.D
 Acq: 19 Dec 2022 12:54

Tgt Ion:264 Resp: 136012
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.6 30.8
 265 21.0 16.8 25.2

