

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137577.D
 Acq On : 13 Mar 2024 15:18
 Operator : CG\JU
 Sample : P1733-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Mar 13 15:48:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	215179	20.000	ng	0.01
21) Naphthalene-d8	8.181	136	864956	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	489186	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	811883	20.000	ng	0.00
76) Chrysene-d12	14.098	240	494184	20.000	ng	0.00
86) Perylene-d12	15.657	264	500555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1638280	115.310	ng	0.02
7) Phenol-d6	6.563	99	2236703	109.064	ng	0.00
23) Nitrobenzene-d5	7.475	82	1434874	77.079	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	527359	122.759	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2260520	72.335	ng	0.00
79) Terphenyl-d14	13.045	244	2373998	66.058	ng	0.00

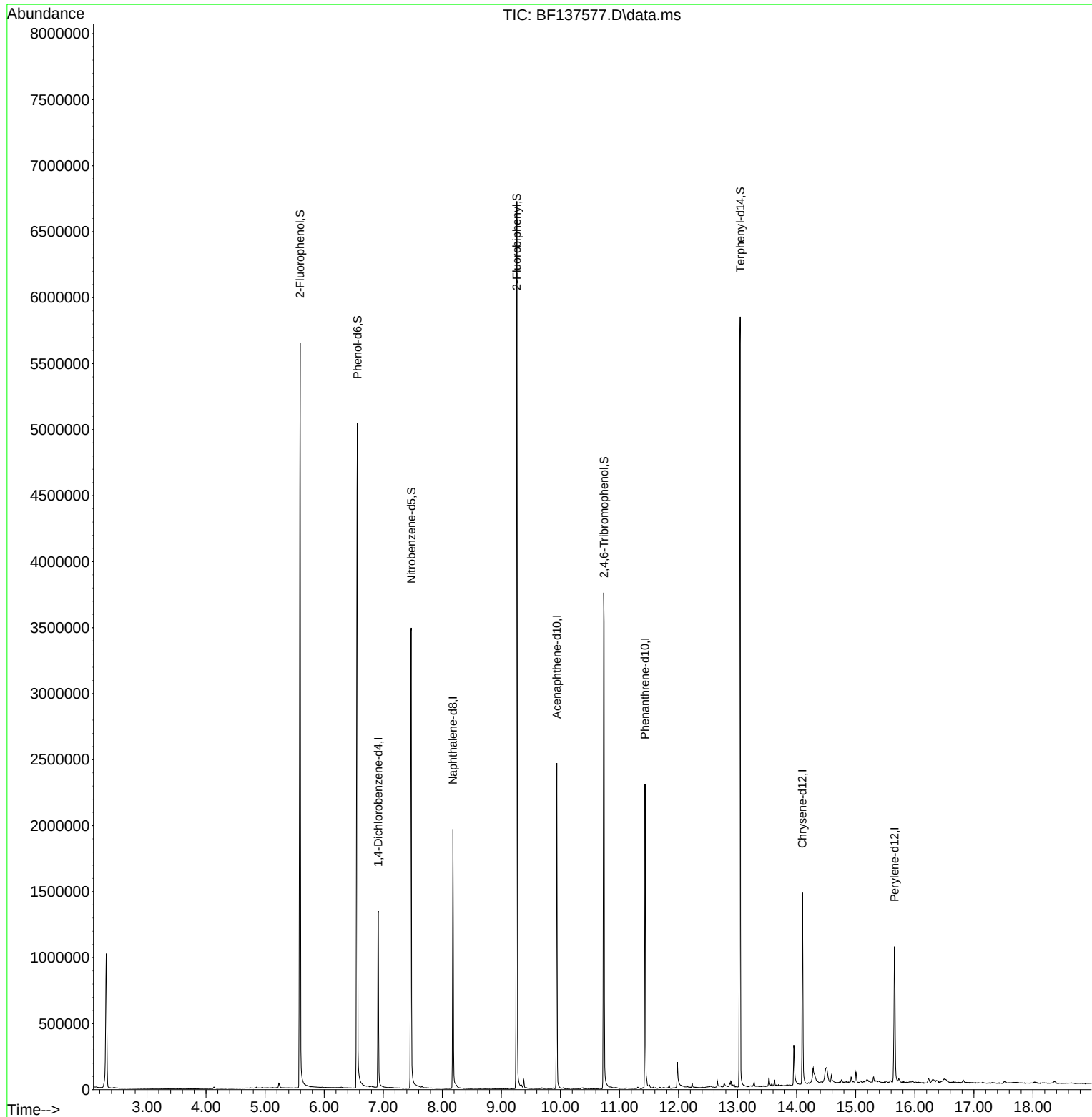
Target Compounds	Qvalue

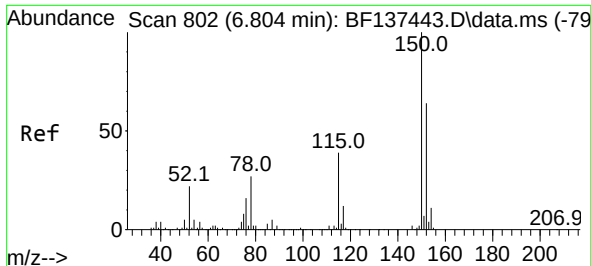
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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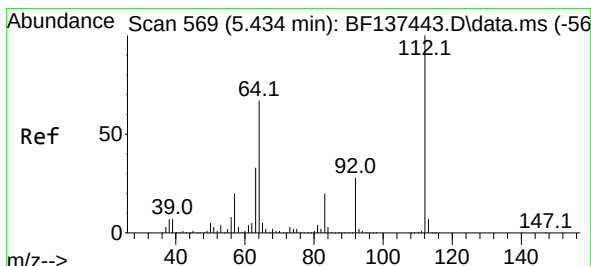
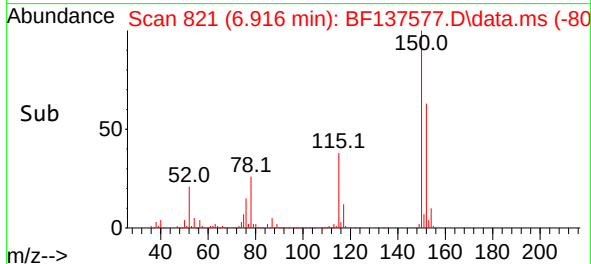
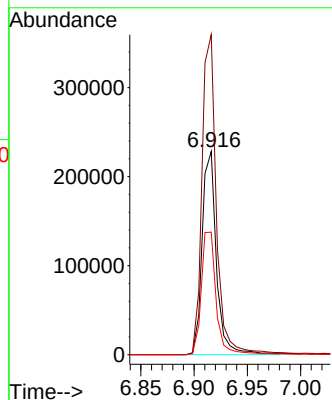
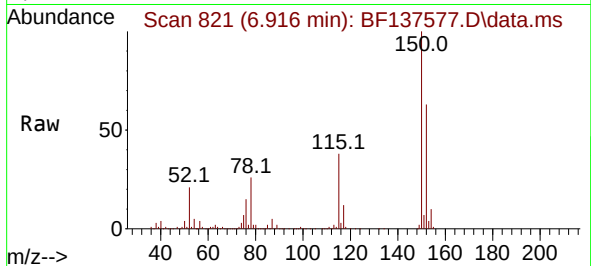




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 802
Delta R.T. 0.012 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

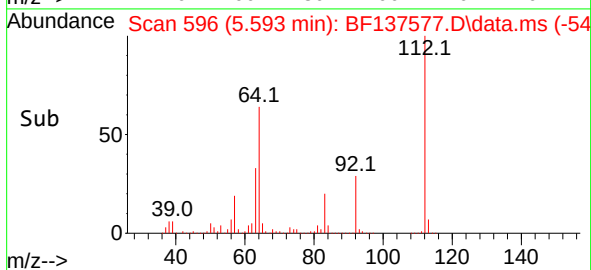
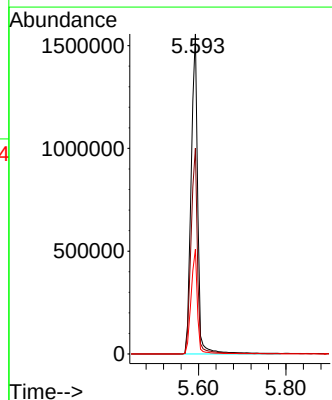
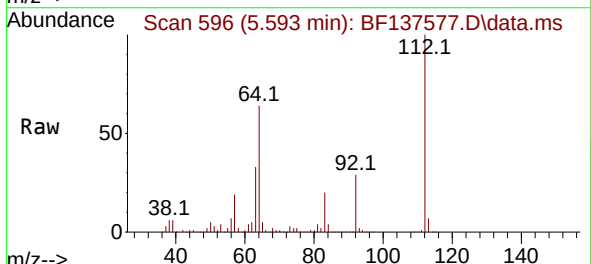
Instrument :
BNA_F
ClientSampleId :
WC-1

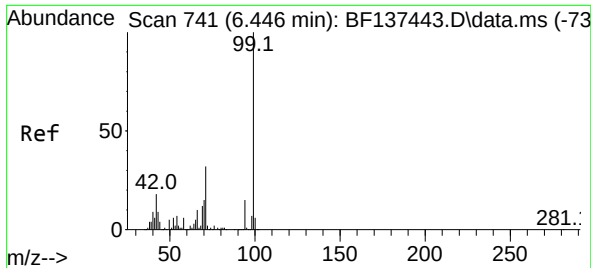
Tgt Ion:152 Resp: 215179
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 60.3 48.8 73.2



#5
2-Fluorophenol
Concen: 115.310 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.024 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

Tgt Ion:112 Resp: 1638280
Ion Ratio Lower Upper
112 100
64 64.3 53.4 80.2
63 32.7 26.2 39.2

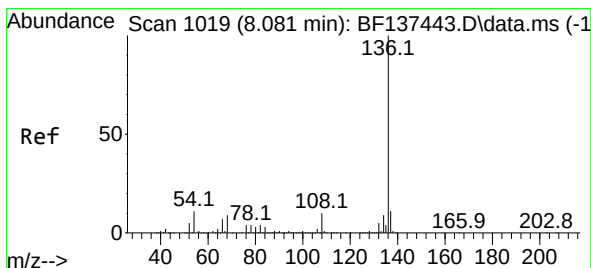
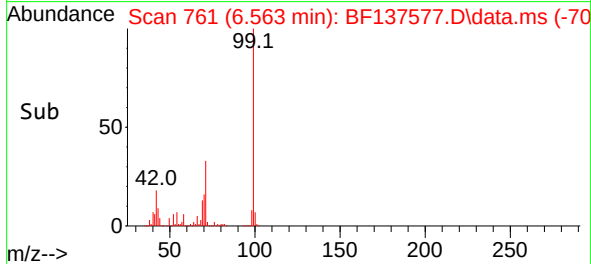
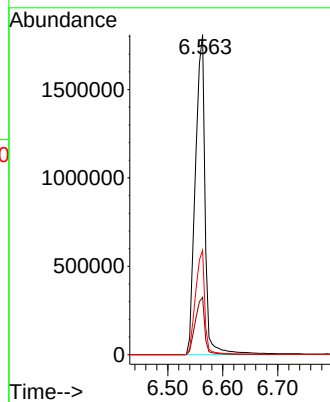
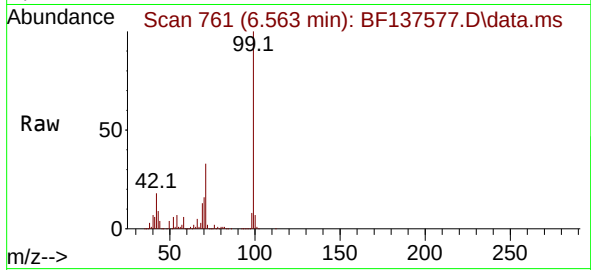




#7
Phenol-d6
Concen: 109.064 ng
RT: 6.563 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

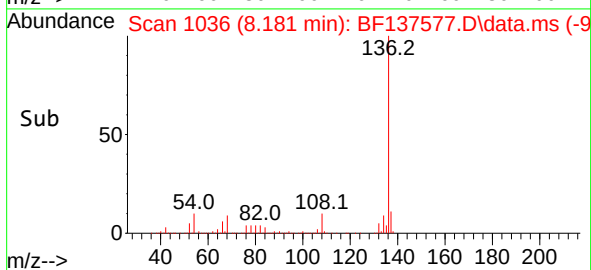
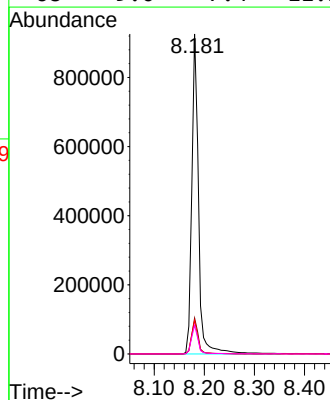
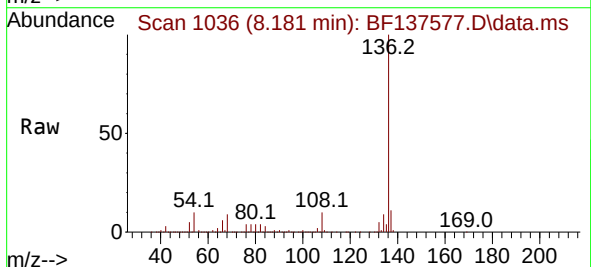
Instrument :
BNA_F
ClientSampleId :
WC-1

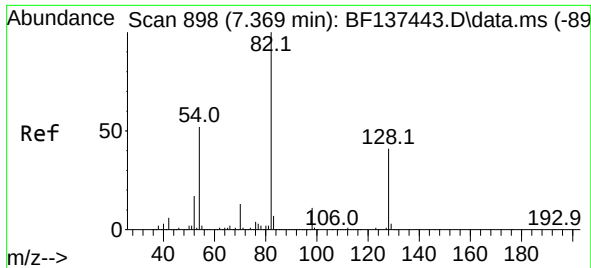
Tgt Ion: 99 Resp: 2236703
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 32.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

Tgt Ion: 136 Resp: 864956
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.5 8.5 12.7
68 9.0 7.4 11.2





#23

Nitrobenzene-d5

Concen: 77.079 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF137577.D

Acq: 13 Mar 2024 15:18

Instrument :

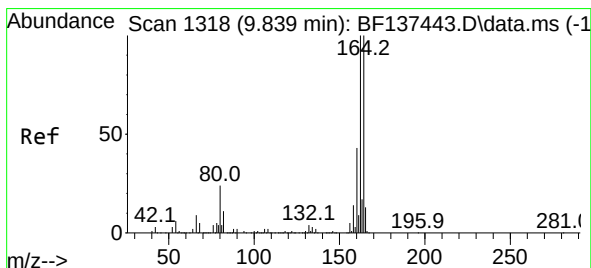
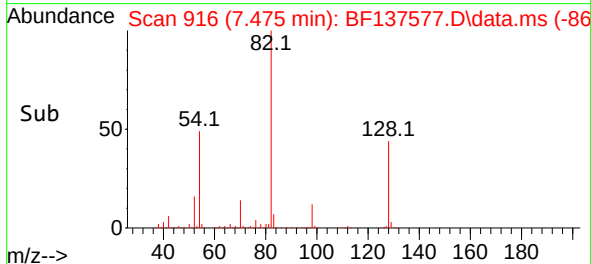
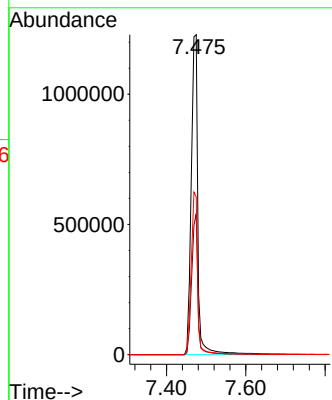
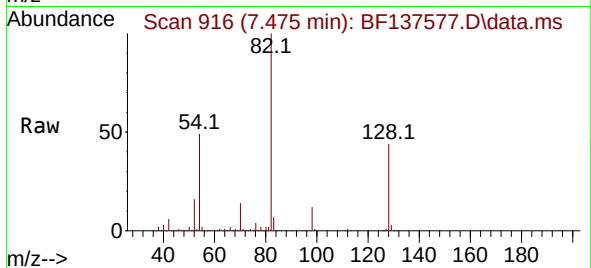
BNA_F

ClientSampleId :

WC-1

Tgt Ion: 82 Resp: 1434874

Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.5	48.7
54	49.4	41.5	62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1335

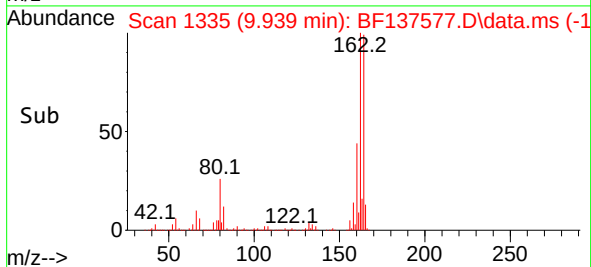
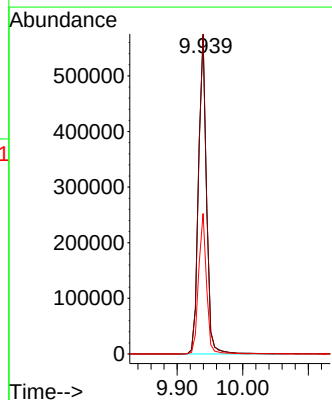
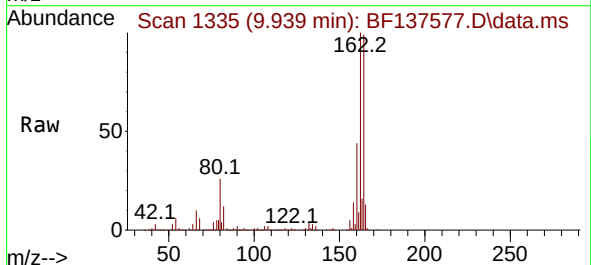
Delta R.T. 0.006 min

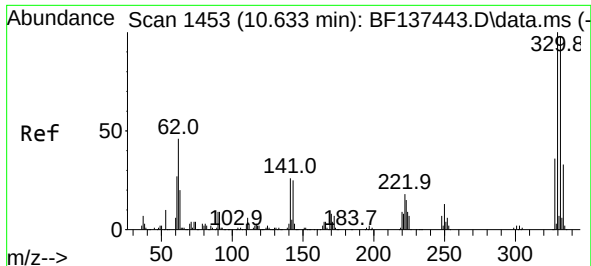
Lab File: BF137577.D

Acq: 13 Mar 2024 15:18

Tgt Ion: 164 Resp: 489186

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.8	119.8
160	44.1	34.4	51.6

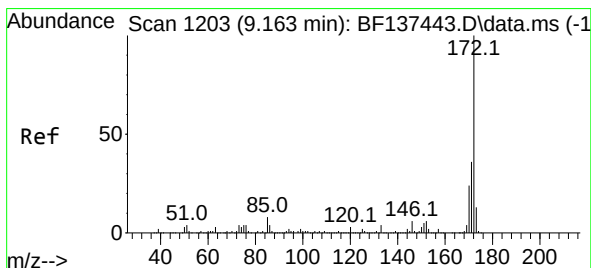
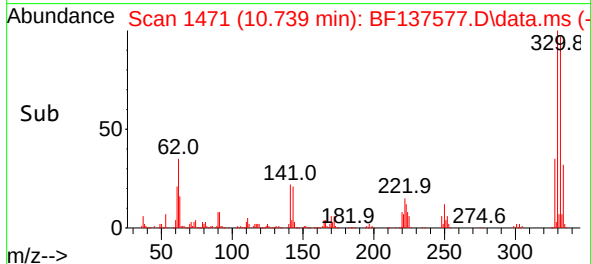
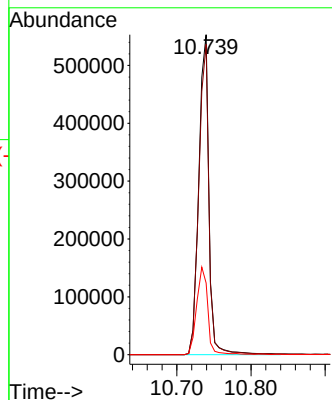
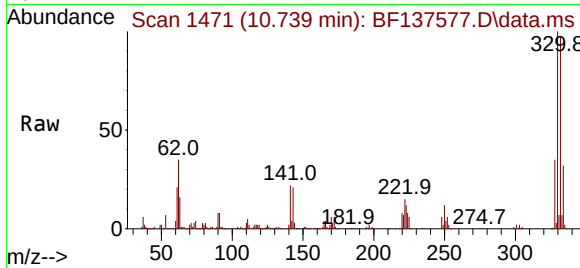




#42
2,4,6-Tribromophenol
Concen: 122.759 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

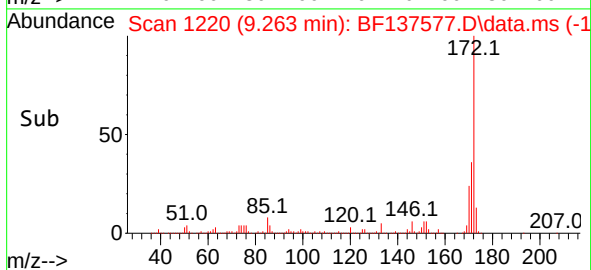
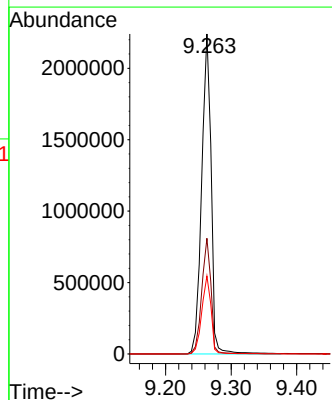
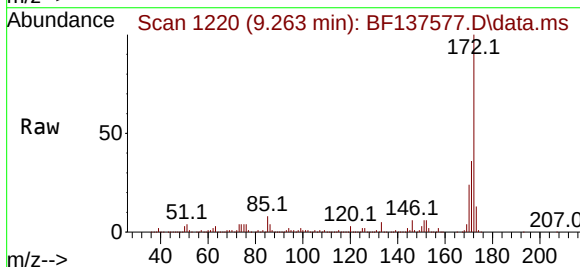
Instrument :
BNA_F
ClientSampleId :
WC-1

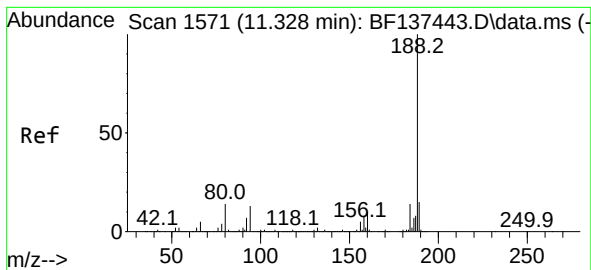
Tgt Ion: 330 Resp: 527359
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 30.0 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 72.335 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

Tgt Ion: 172 Resp: 2260520
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137577.D

Acq: 13 Mar 2024 15:18

Instrument :

BNA_F

ClientSampleId :

WC-1

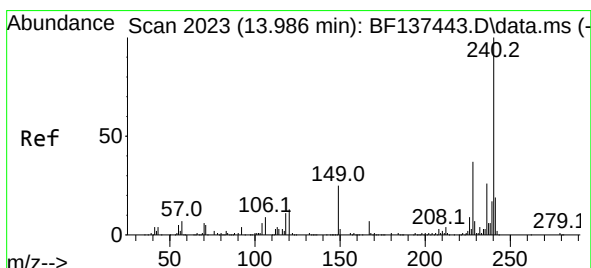
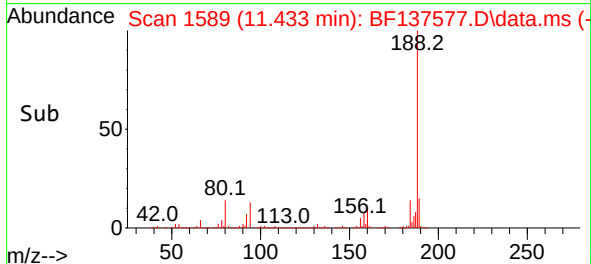
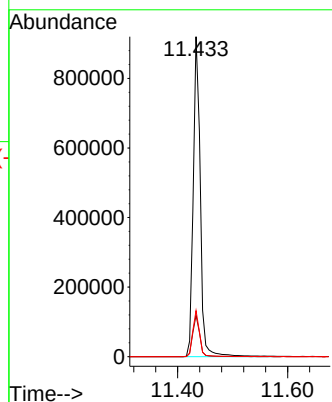
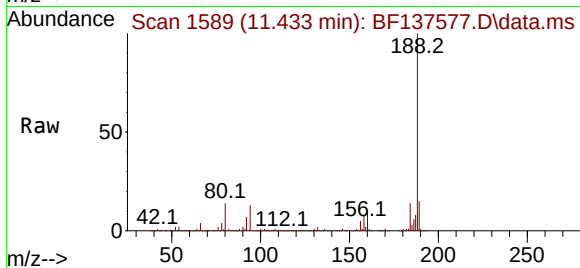
Tgt Ion:188 Resp: 811883

Ion Ratio Lower Upper

188 100

94 12.9 10.6 15.8

80 14.4 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BF137577.D

Acq: 13 Mar 2024 15:18

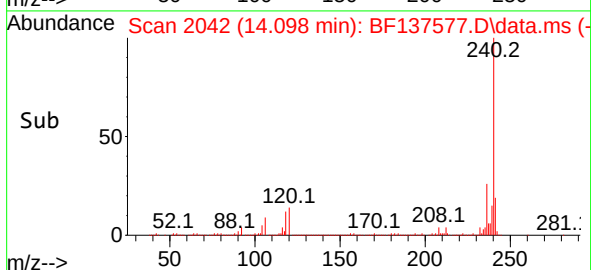
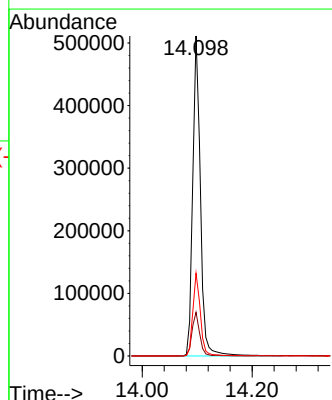
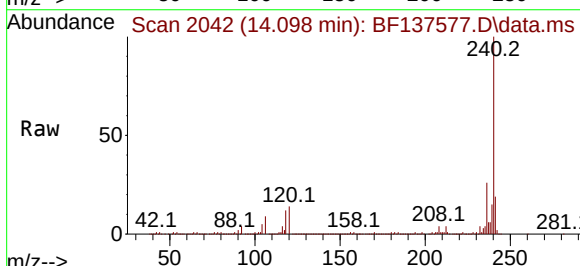
Tgt Ion:240 Resp: 494184

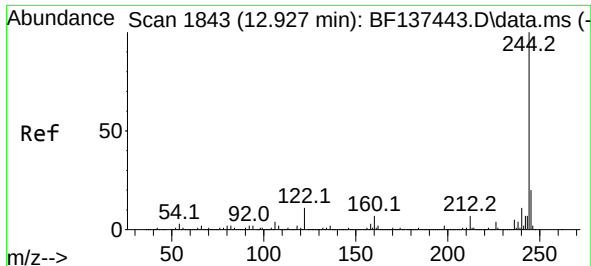
Ion Ratio Lower Upper

240 100

120 13.6 10.4 15.6

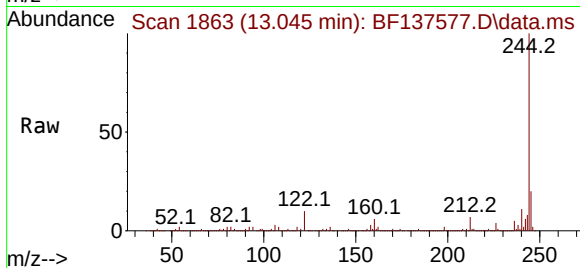
236 25.9 20.9 31.3





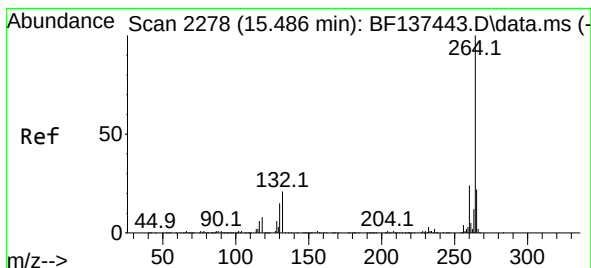
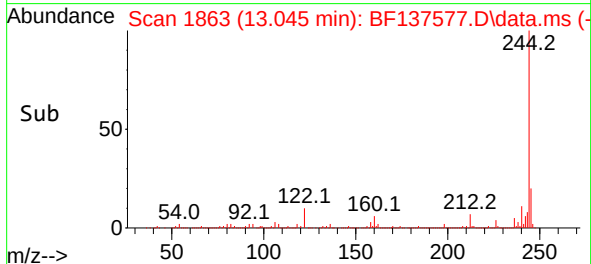
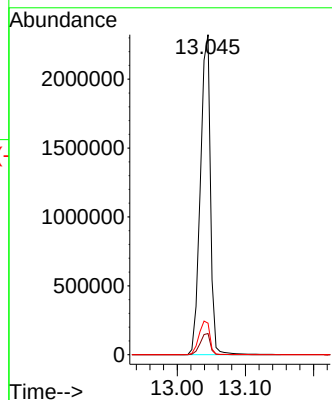
#79
 Terphenyl-d14
 Concen: 66.058 ng
 RT: 13.045 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF137577.D
 Acq: 13 Mar 2024 15:18

Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion:244 Resp: 2373998

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	9.9	9.1	13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2307
 Delta R.T. 0.006 min
 Lab File: BF137577.D
 Acq: 13 Mar 2024 15:18

Tgt Ion:264 Resp: 500555

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.7	17.4	26.0

