

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139029.D
 Acq On : 15 Aug 2024 18:40
 Operator : RC/JU
 Sample : P3580-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 923-K1-SD-0-0.5-081224

Quant Time: Aug 16 00:27:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	34515	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	141948	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	80201	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	130042	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	64534	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	70597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	176418	78.901	ng	0.00
7) Phenol-d6	6.481	99	234452	78.099	ng	0.00
23) Nitrobenzene-d5	7.398	82	149261	51.410	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	47943	72.978	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	216817	40.619	ng	-0.02
79) Terphenyl-d14	12.933	244	151693	39.355	ng	-0.01

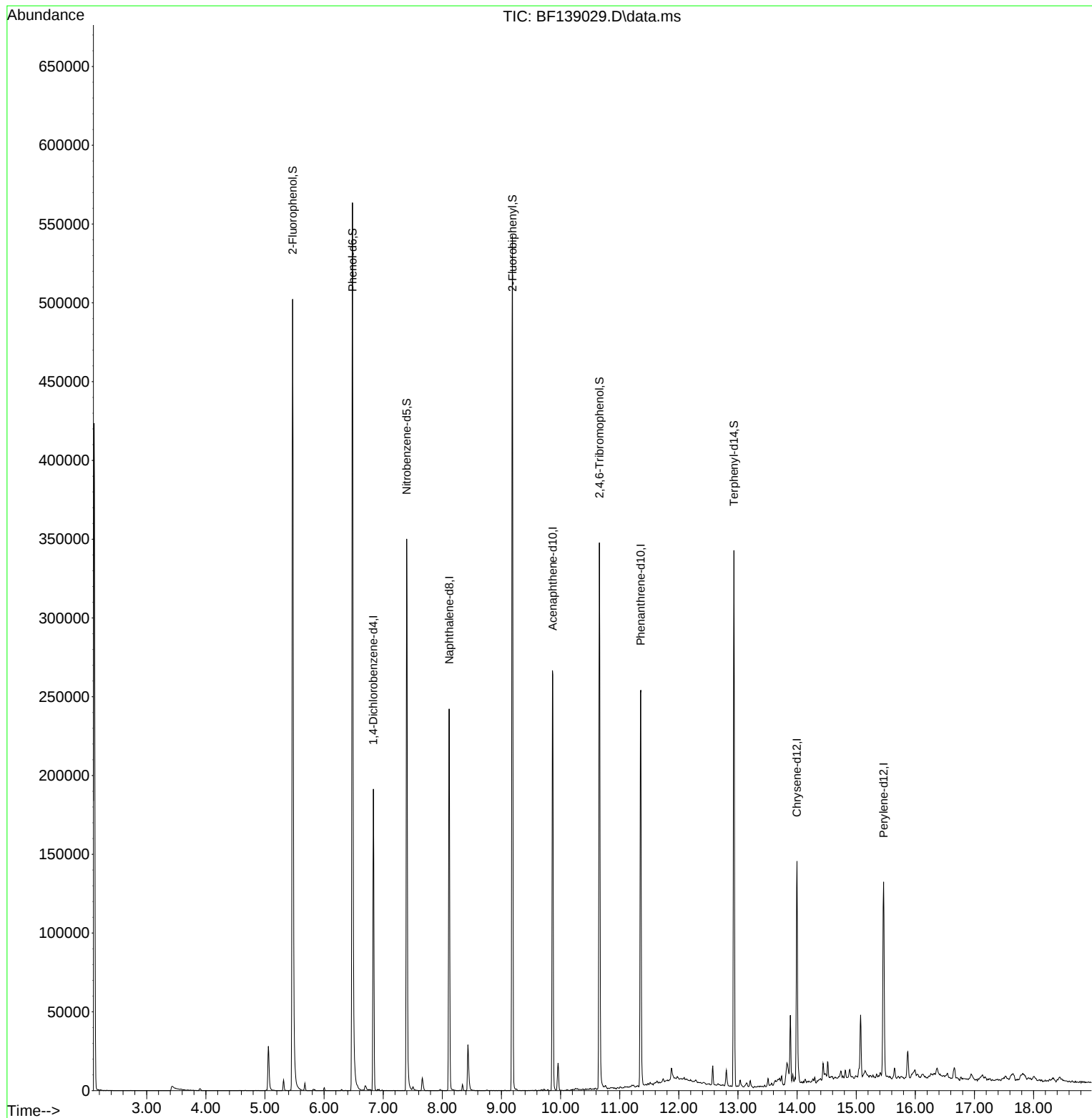
Target Compounds	Qvalue

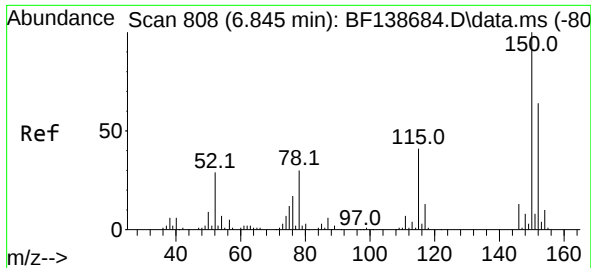
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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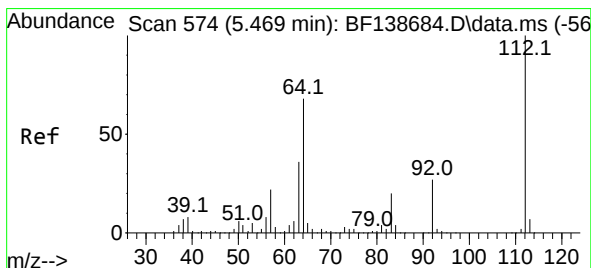
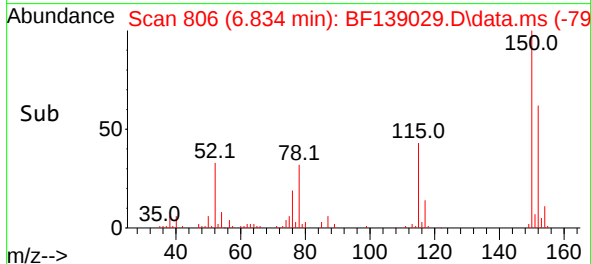
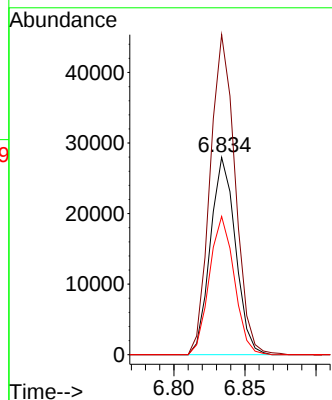
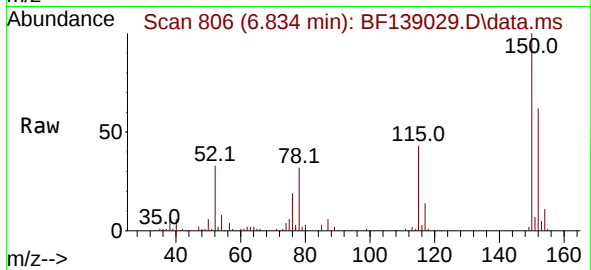




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

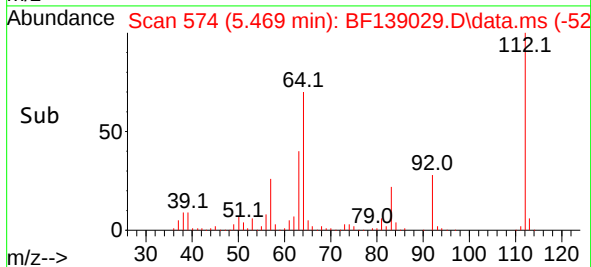
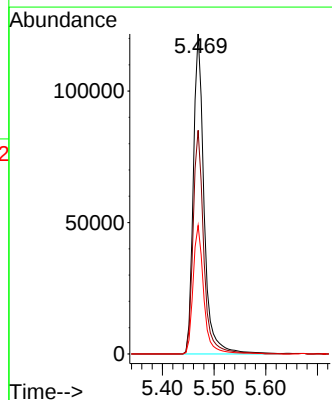
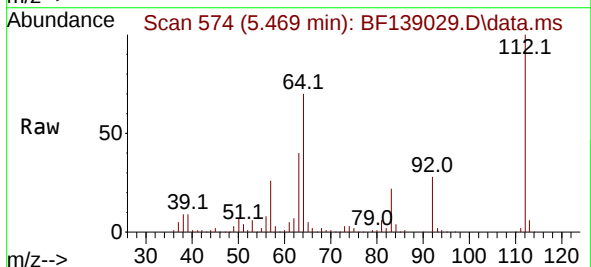
Instrument :
BNA_F
ClientSampleId :
923-K1-SD-0-0.5-081224

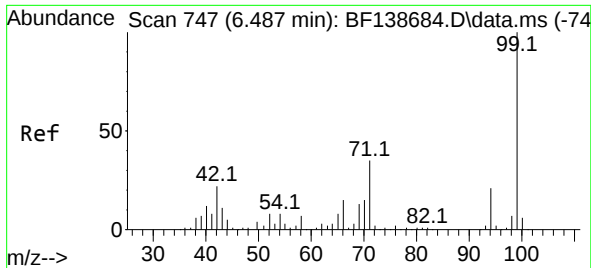
Tgt Ion:152 Resp: 34515
Ion Ratio Lower Upper
152 100
150 162.1 126.0 189.0
115 70.1 51.7 77.5



#5
2-Fluorophenol
Concen: 78.901 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

Tgt Ion:112 Resp: 176418
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 40.1 28.7 43.1

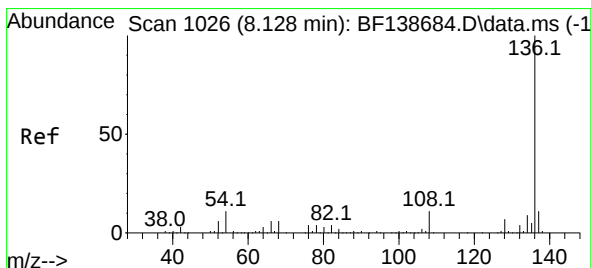
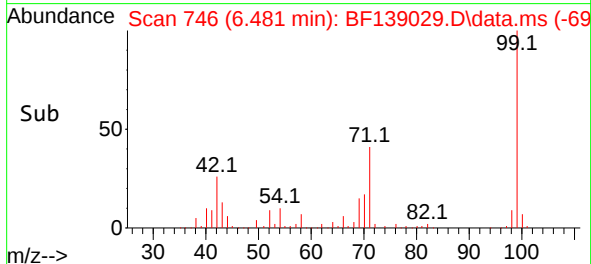
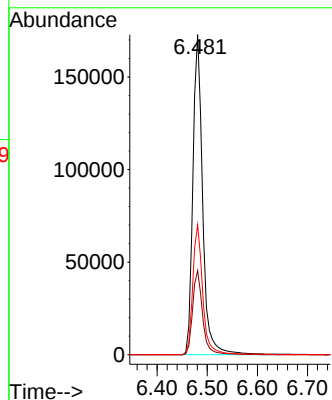
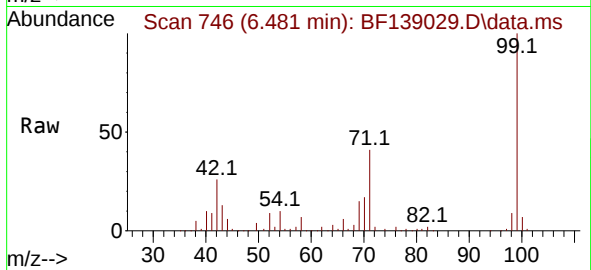




#7
Phenol-d6
Concen: 78.099 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

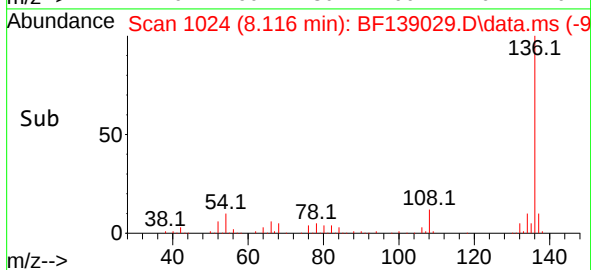
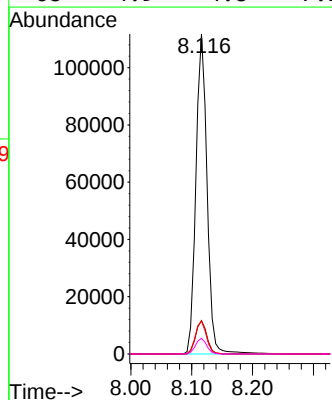
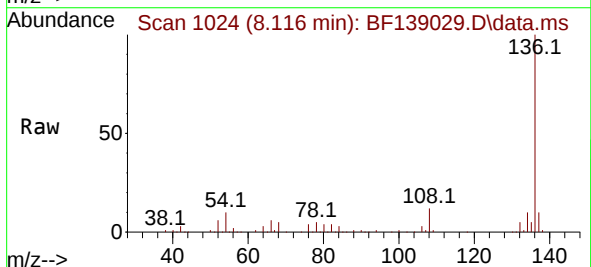
Instrument :
BNA_F
ClientSampleId :
923-K1-SD-0-0.5-081224

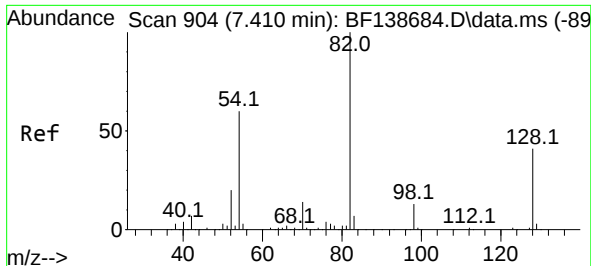
Tgt Ion: 99 Resp: 234452
Ion Ratio Lower Upper
99 100
42 26.2 17.4 26.0#
71 40.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

Tgt Ion: 136 Resp: 141948
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.3 8.6 12.8
68 4.9 4.8 7.2

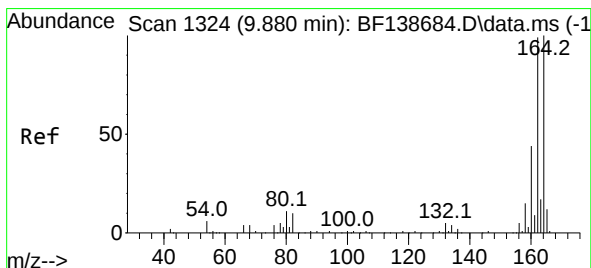
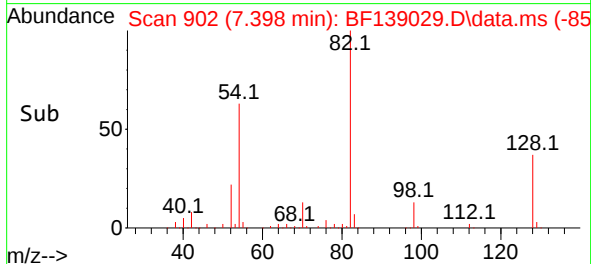
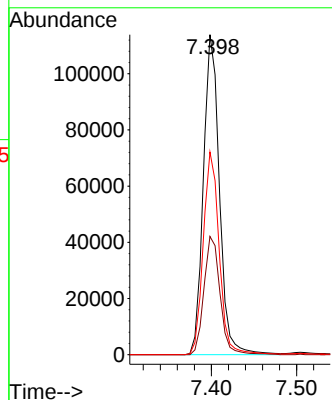
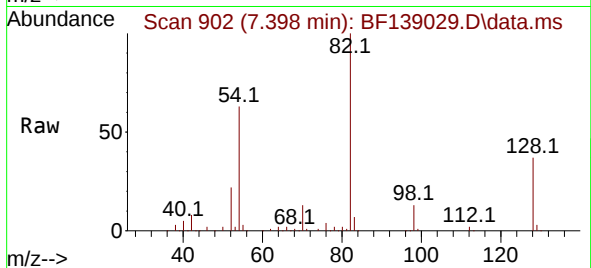




#23
Nitrobenzene-d5
Concen: 51.410 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

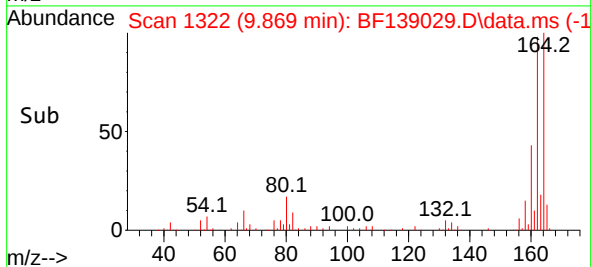
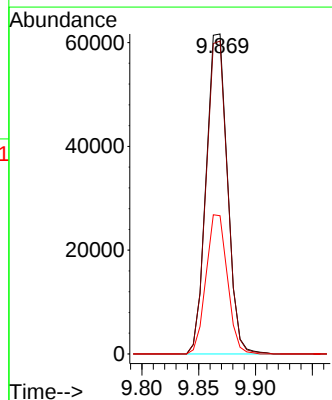
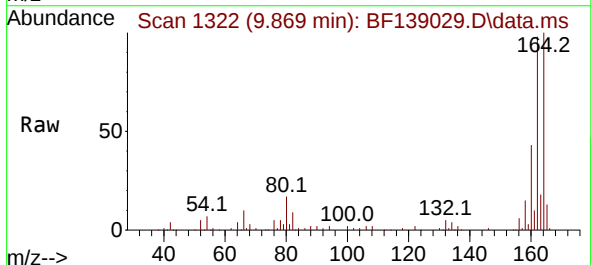
Instrument :
BNA_F
ClientSampleId :
923-K1-SD-0-0.5-081224

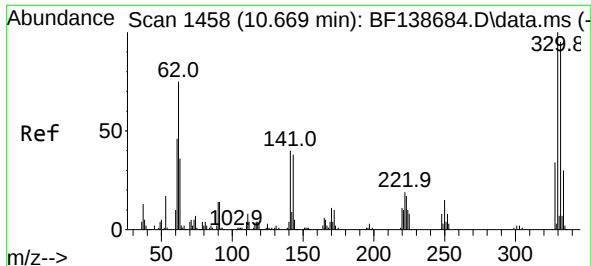
Tgt Ion: 82 Resp: 149261
Ion Ratio Lower Upper
82 100
128 36.9 32.8 49.2
54 63.4 48.3 72.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

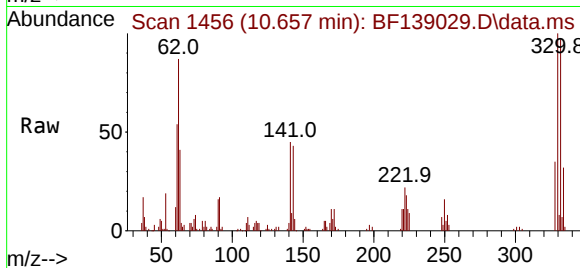
Tgt Ion: 164 Resp: 80201
Ion Ratio Lower Upper
164 100
162 97.8 79.4 119.0
160 43.2 35.1 52.7



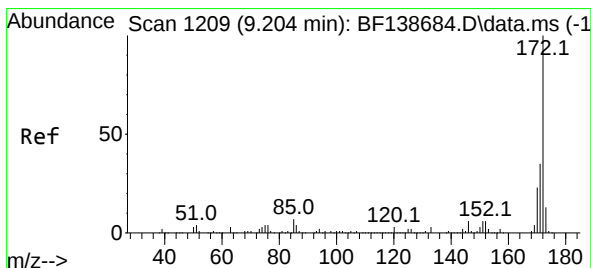
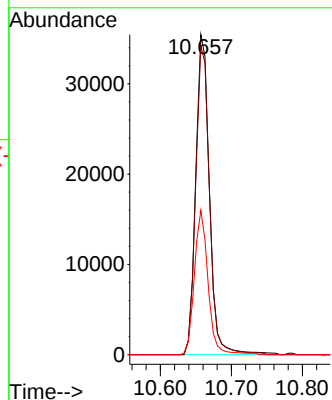
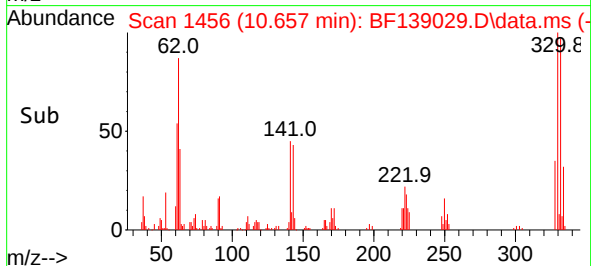


#42
2,4,6-Tribromophenol
Concen: 72.978 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

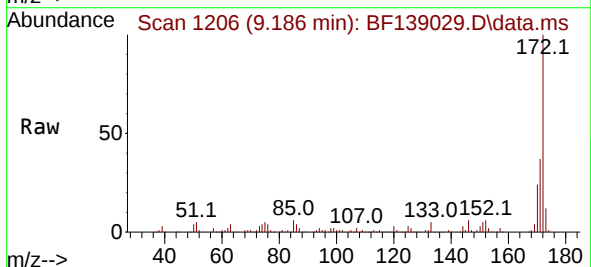
Instrument :
BNA_F
ClientSampleId :
923-K1-SD-0-0.5-081224



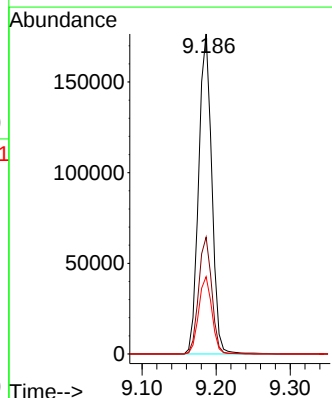
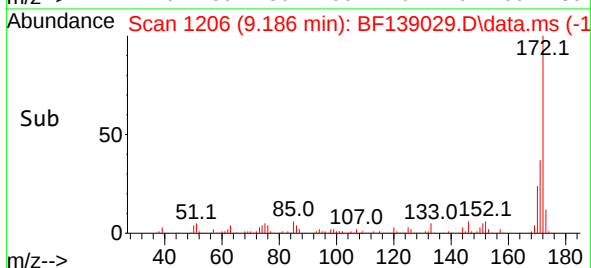
Tgt Ion:330 Resp: 47943
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 44.8 31.1 46.7

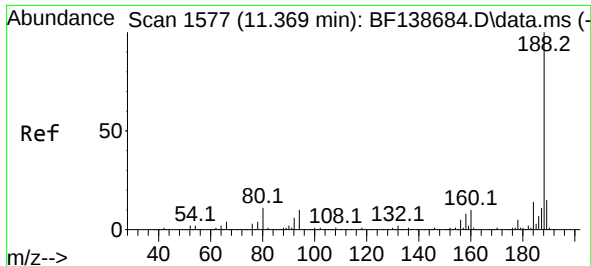


#45
2-Fluorobiphenyl
Concen: 40.619 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40



Tgt Ion:172 Resp: 216817
Ion Ratio Lower Upper
172 100
171 36.5 28.3 42.5
170 24.2 18.8 28.2

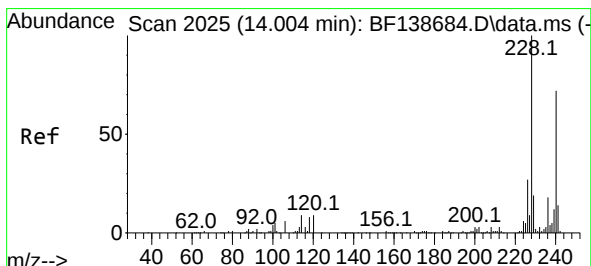
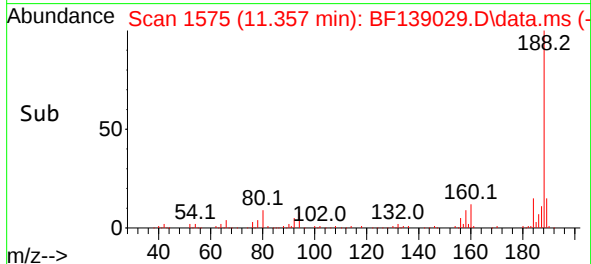
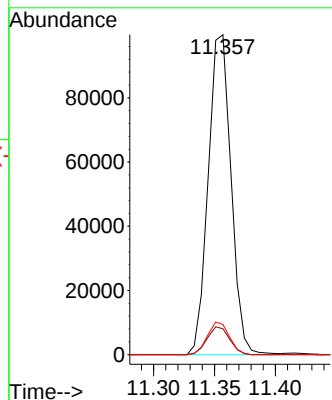
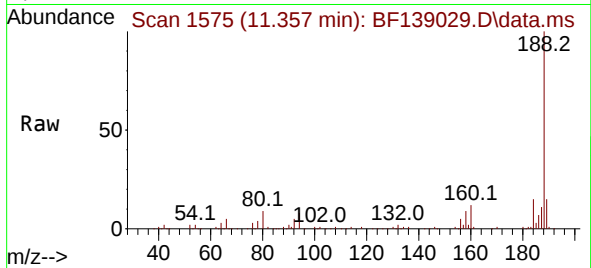




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

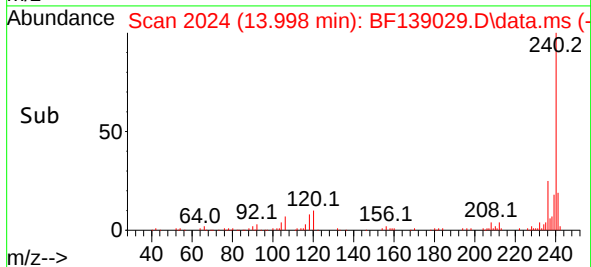
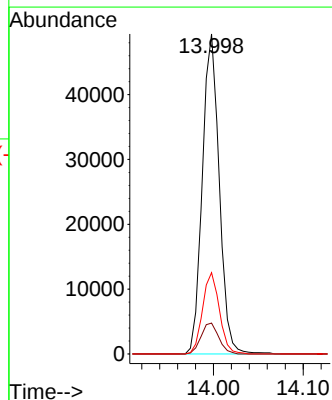
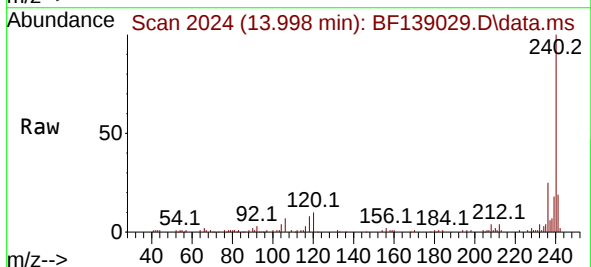
Instrument :
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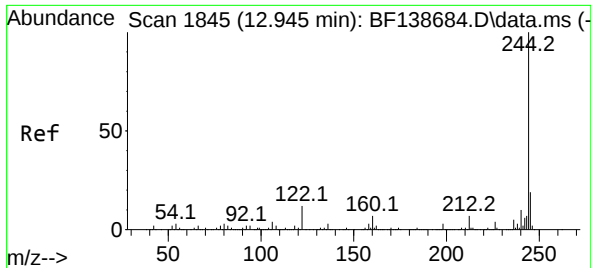
Tgt Ion:188 Resp: 130042
Ion Ratio Lower Upper
188 100
94 8.1 7.6 11.4
80 9.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139029.D
Acq: 15 Aug 2024 18:40

Tgt Ion:240 Resp: 64534
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.4#
236 25.4 19.8 29.8

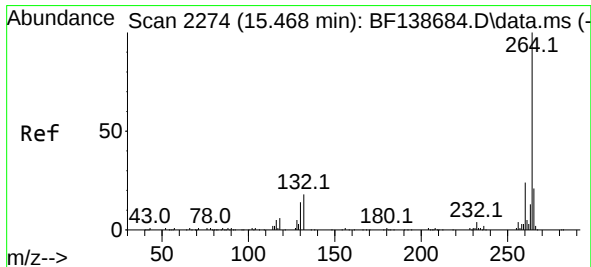
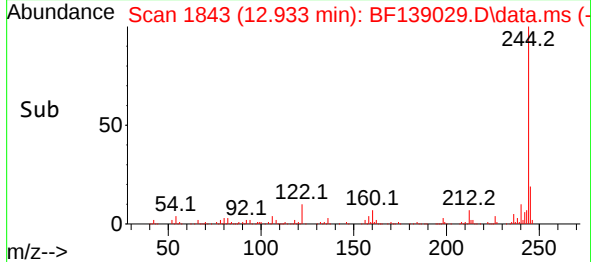
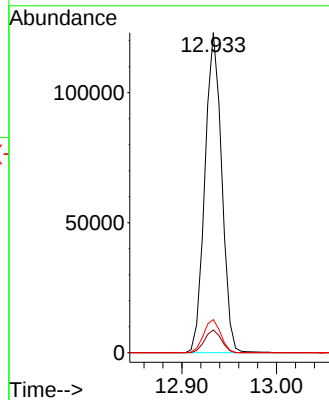
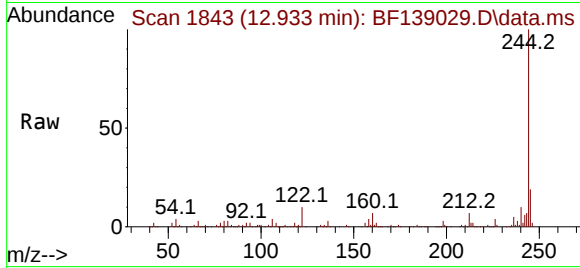




#79
 Terphenyl-d14
 Concen: 39.355 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF139029.D
 Acq: 15 Aug 2024 18:40

Instrument :
 BNA_F
 ClientSampleId :
 923-K1-SD-0-0.5-081224

Tgt Ion:244	Resp:	151693
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.4 8.2
122	10.3	9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139029.D
 Acq: 15 Aug 2024 18:40

Tgt Ion:264	Resp:	70597
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.0 28.6
265	21.2	17.0 25.6

