

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141868.D
 Acq On : 06 Mar 2025 15:01
 Operator : RC/JU
 Sample : Q1478-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-IW-03-COMP-022825

Quant Time: Mar 06 15:57:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	147709	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	566941	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	303926	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	506428	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	396116	20.000	ng	-0.01
86) Perylene-d12	15.510	264	368667	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	720582	77.907	ng	0.00
7) Phenol-d6	6.498	99	574744	47.741	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1281011	144.428	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	629004	220.447	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2353505	124.166	ng	0.00
79) Terphenyl-d14	12.998	244	2735004	111.710	ng	0.00

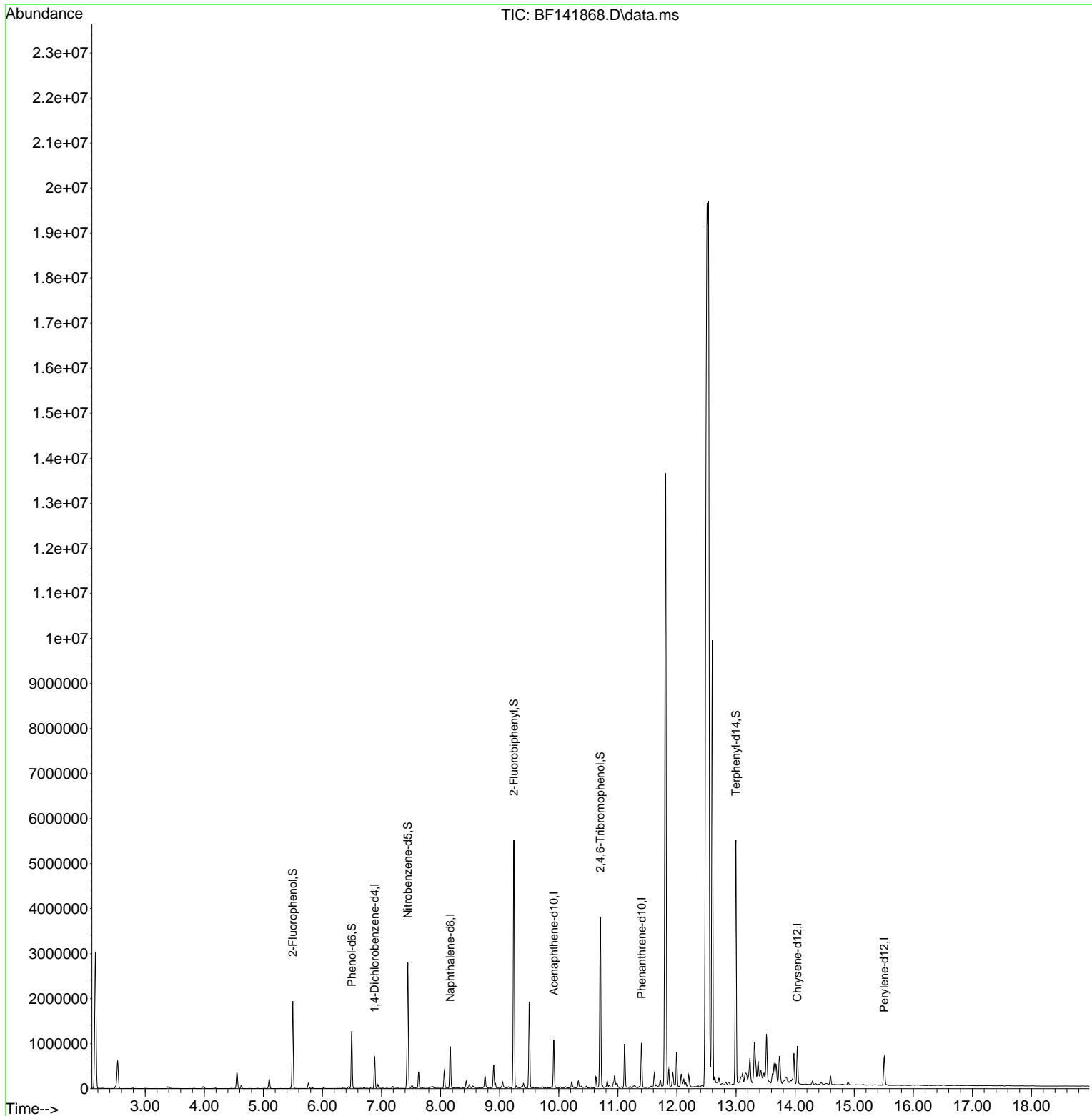
Target Compounds Qvalue

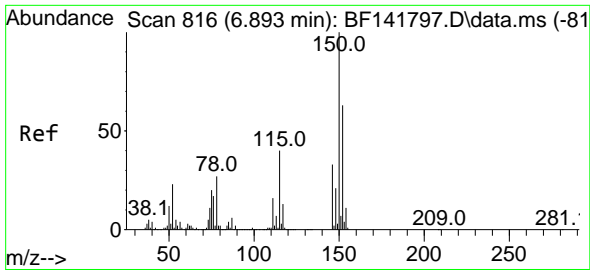
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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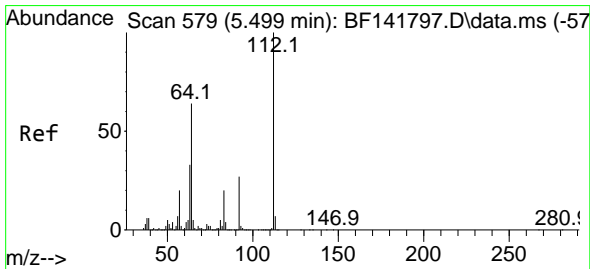
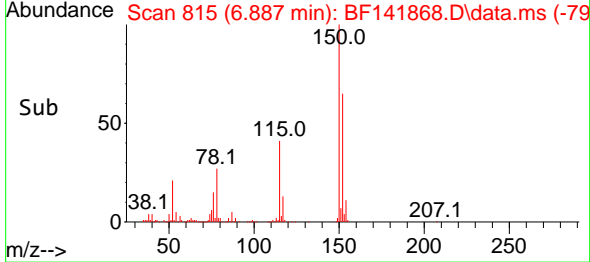
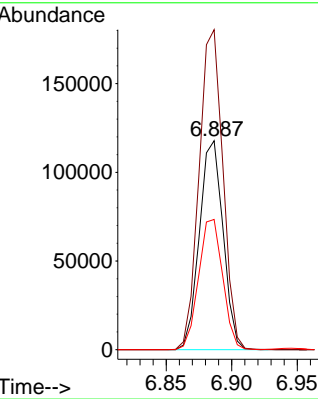
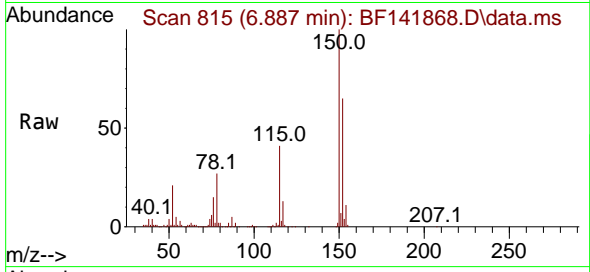




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 815
 Delta R.T. -0.006 min
 Lab File: BF141868.D
 Acq: 06 Mar 2025 15:01

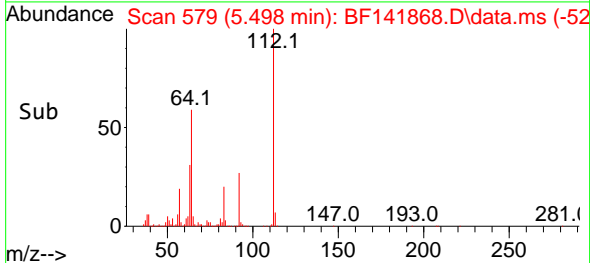
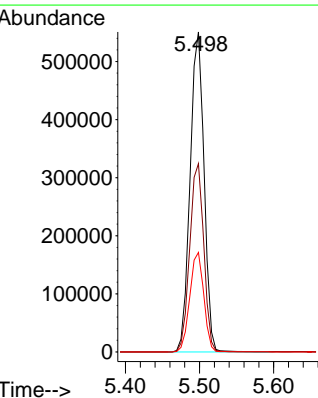
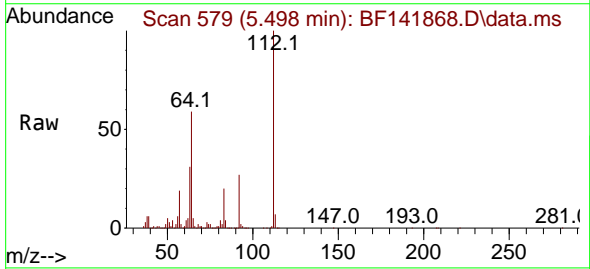
Instrument : BNA_F
 ClientSampleId : IDW-AQ-IW-03-COMP-022825

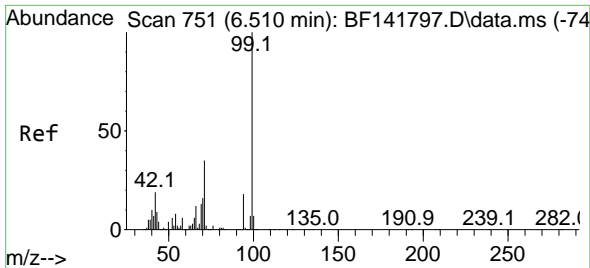
Tgt Ion:152 Resp: 147709
 Ion Ratio Lower Upper
 152 100
 150 153.1 127.5 191.3
 115 62.3 51.4 77.2



#5
 2-Fluorophenol
 Concen: 77.907 ng
 RT: 5.498 min Scan# 579
 Delta R.T. -0.000 min
 Lab File: BF141868.D
 Acq: 06 Mar 2025 15:01

Tgt Ion:112 Resp: 720582
 Ion Ratio Lower Upper
 112 100
 64 58.9 51.3 76.9
 63 31.1 26.2 39.4

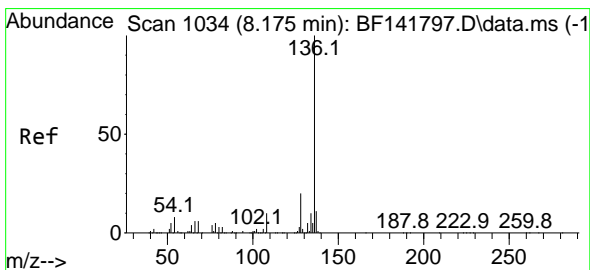
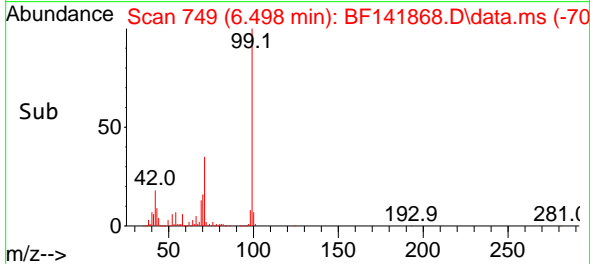
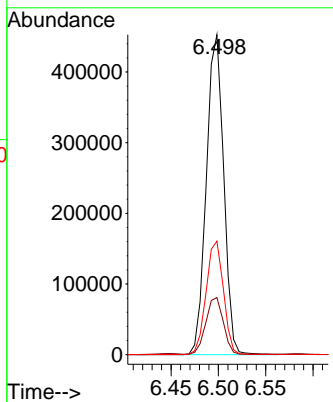
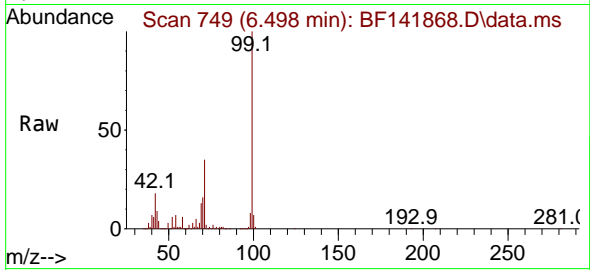




#7
 Phenol-d6
 Concen: 47.741 ng
 RT: 6.498 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: BF141868.D
 Acq: 06 Mar 2025 15:01

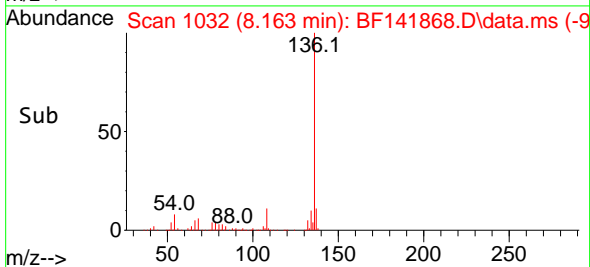
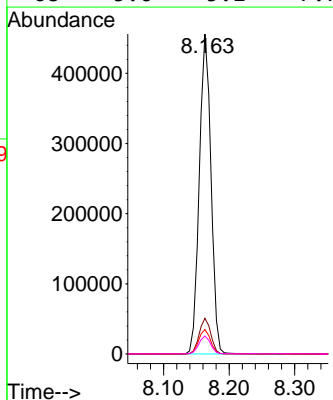
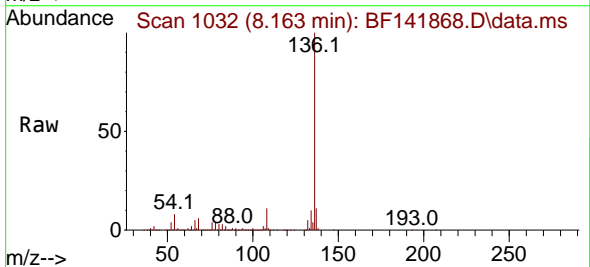
Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-IW-03-COMP-022825

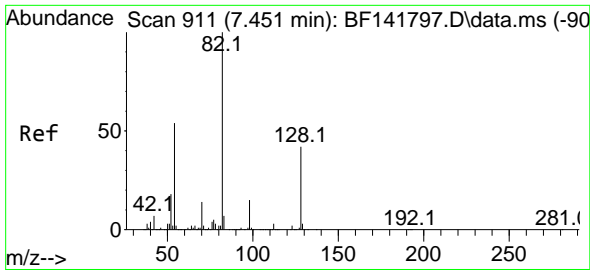
Tgt Ion: 99 Resp: 574744
 Ion Ratio Lower Upper
 99 100
 42 17.9 15.2 22.8
 71 35.5 28.2 42.2



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.163 min Scan# 1032
 Delta R.T. -0.012 min
 Lab File: BF141868.D
 Acq: 06 Mar 2025 15:01

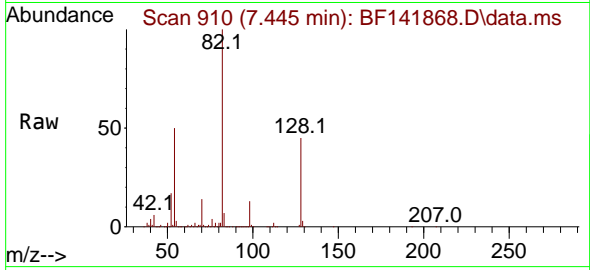
Tgt Ion:136 Resp: 566941
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.9 13.3
 54 7.7 6.9 10.3
 68 5.6 5.1 7.7





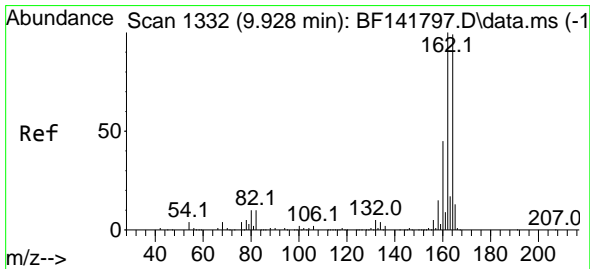
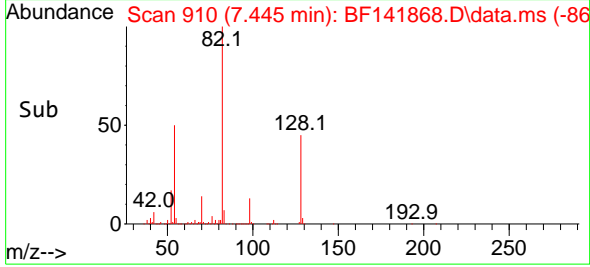
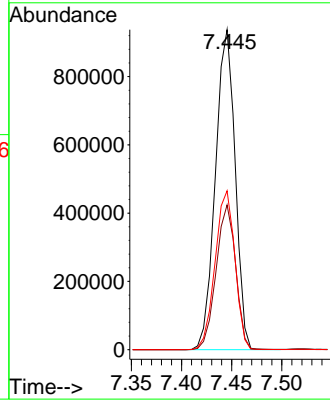
#23
 Nitrobenzene-d5
 Concen: 144.428 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF141868.D
 Acq: 06 Mar 2025 15:01

Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-IW-03-COMP-022825

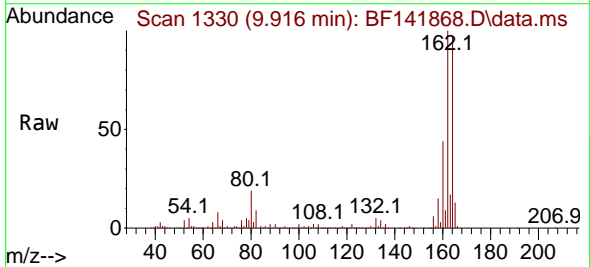


Tgt Ion: 82 Resp: 1281011

Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.5	50.3
54	49.7	42.7	64.1

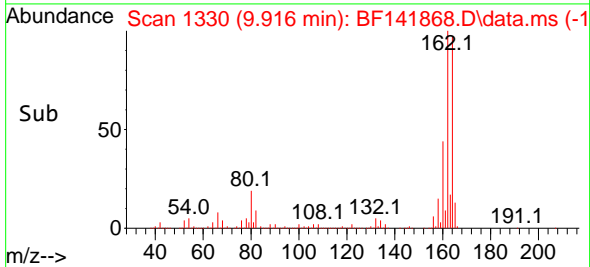
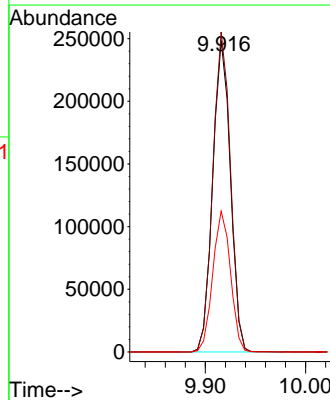


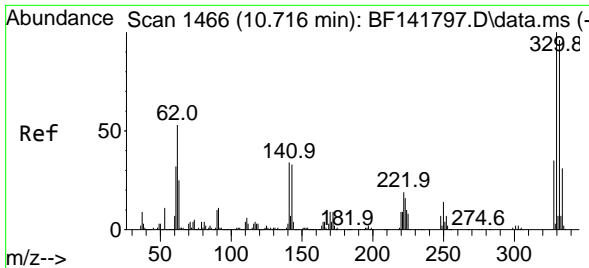
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1330
 Delta R.T. -0.012 min
 Lab File: BF141868.D
 Acq: 06 Mar 2025 15:01



Tgt Ion: 164 Resp: 303926

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	45.2	36.3	54.5



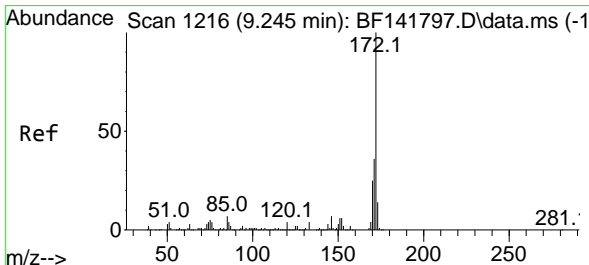
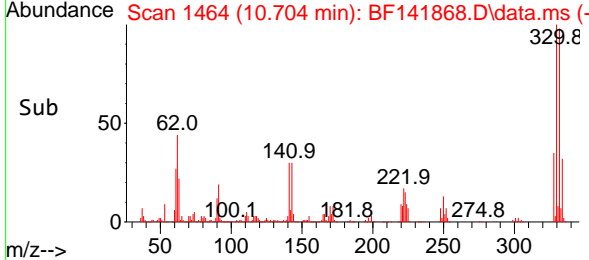
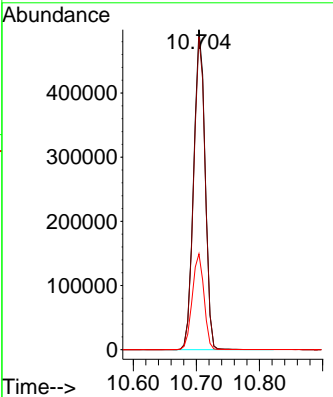
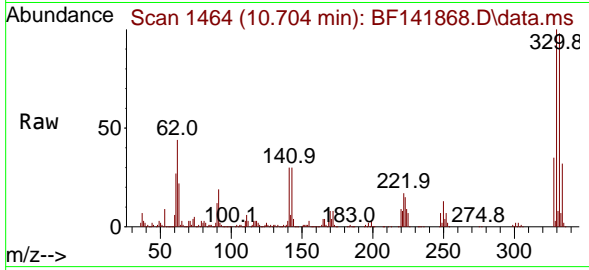


#42
 2,4,6-Tribromophenol
 Concen: 220.447 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. -0.012 min
 Lab File: BF141868.D
 Acq: 06 Mar 2025 15:01

Instrument : BNA_F
 ClientSampleId : IDW-AQ-IW-03-COMP-022825

Tgt Ion: 330 Resp: 629004

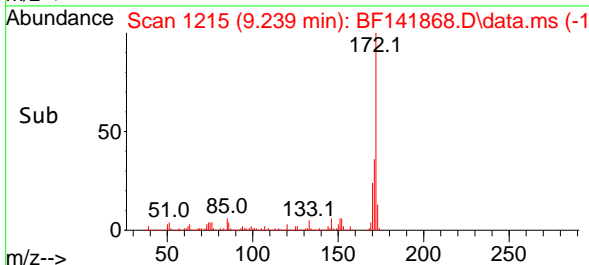
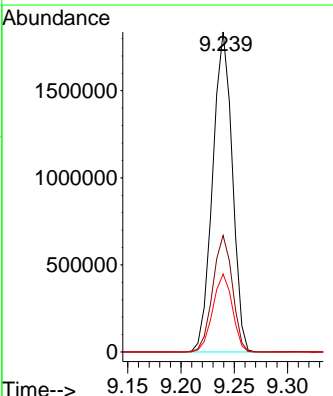
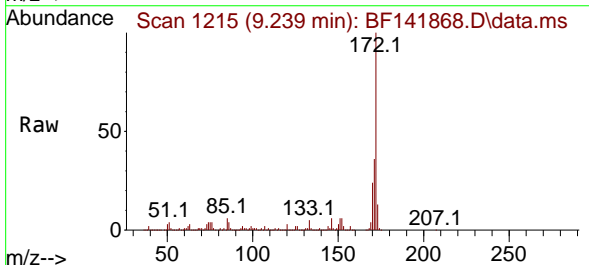
Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	30.8	29.0	43.4

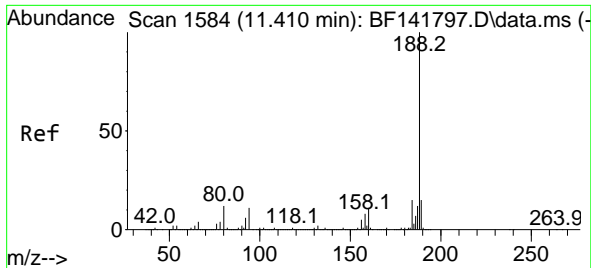


#45
 2-Fluorobiphenyl
 Concen: 124.166 ng
 RT: 9.239 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: BF141868.D
 Acq: 06 Mar 2025 15:01

Tgt Ion: 172 Resp: 2353505

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	24.4	19.7	29.5



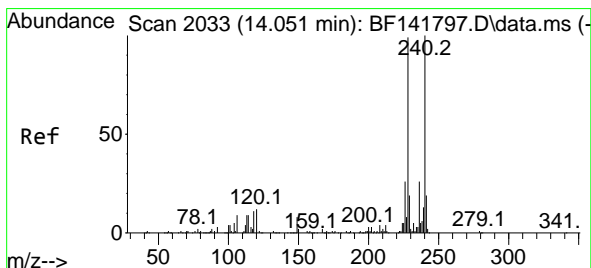
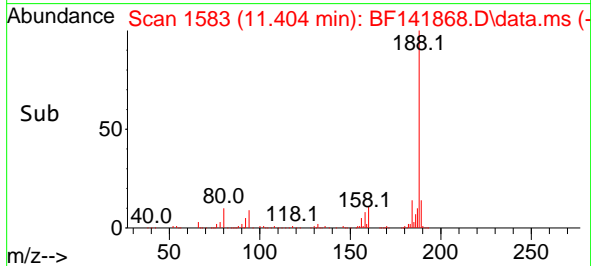
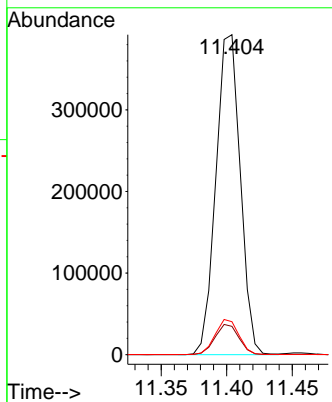
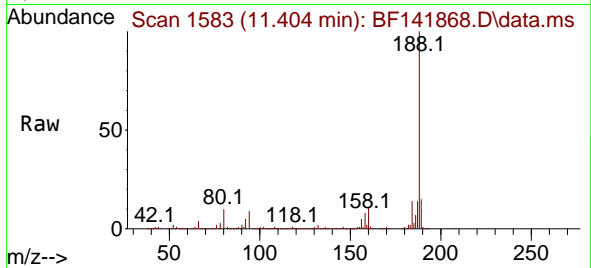


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.404 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BF141868.D
 Acq: 06 Mar 2025 15:01

Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-IW-03-COMP-022825

Tgt Ion:188 Resp: 506428

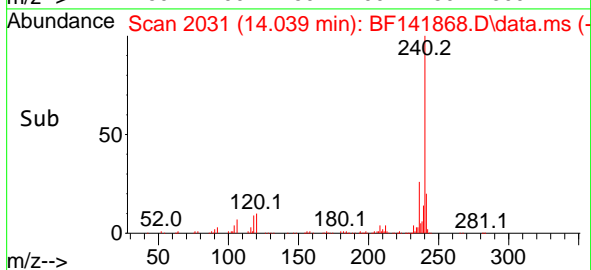
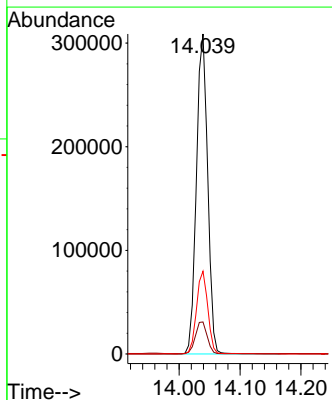
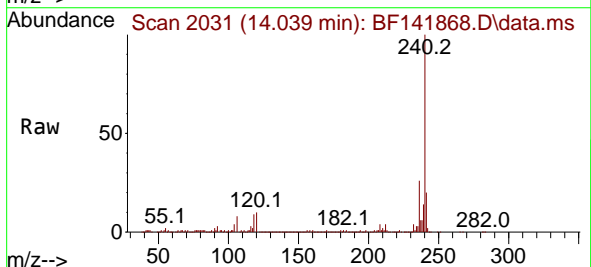
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.9	13.3#
80	10.3	9.7	14.5

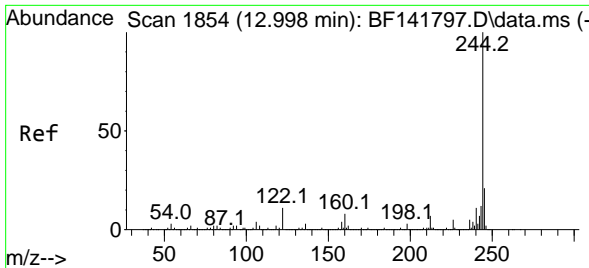


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.039 min Scan# 2031
 Delta R.T. -0.012 min
 Lab File: BF141868.D
 Acq: 06 Mar 2025 15:01

Tgt Ion:240 Resp: 396116

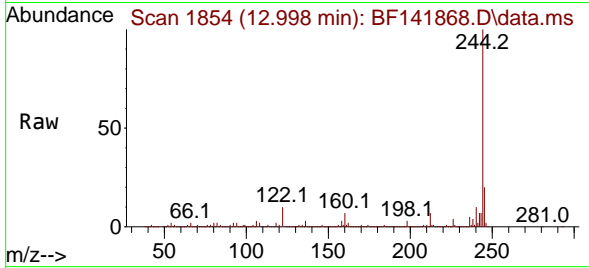
Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.7	14.5
236	25.9	21.0	31.4



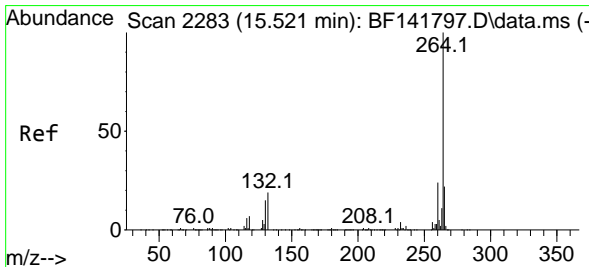
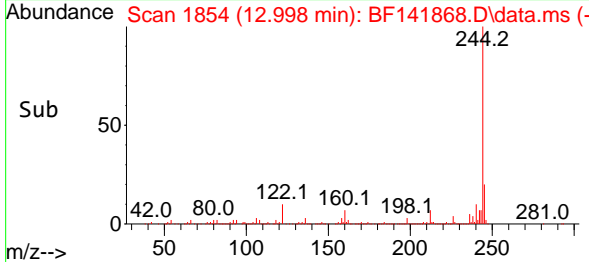
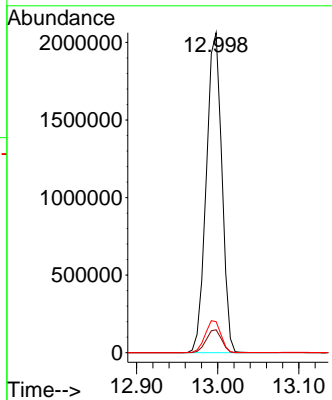


#79
 Terphenyl-d14
 Concen: 111.710 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141868.D
 Acq: 06 Mar 2025 15:01

Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-IW-03-COMP-022825



Tgt Ion:244 Resp: 2735004
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF141868.D
 Acq: 06 Mar 2025 15:01

Tgt Ion:264 Resp: 368667
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.3 17.4 26.0

