

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141948.D
 Acq On : 13 Mar 2025 18:42
 Operator : RC/JU
 Sample : Q1547-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-01

Quant Time: Mar 14 10:37:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	178425	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	696758	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	409652	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	735871	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	445342	20.000	ng	-0.01
86) Perylene-d12	15.498	264	385618	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1462426	136.793	ng	0.02
7) Phenol-d6	6.498	99	1679771	123.406	ng	0.00
23) Nitrobenzene-d5	7.439	82	1310907	105.880	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	970823	186.805	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2730236	101.359	ng	0.00
79) Terphenyl-d14	12.980	244	3441906	114.265	ng	0.00

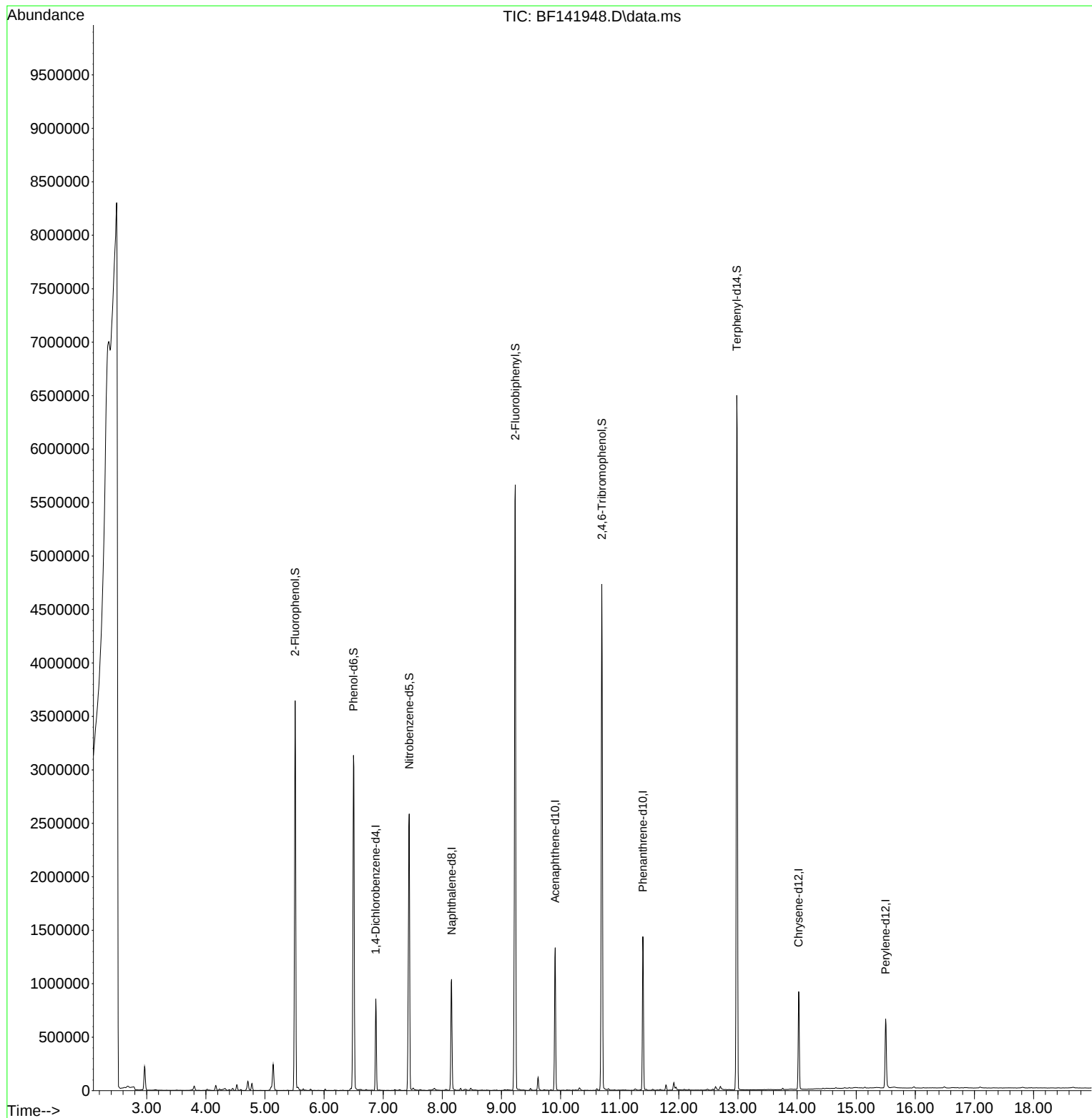
Target Compounds	Qvalue

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

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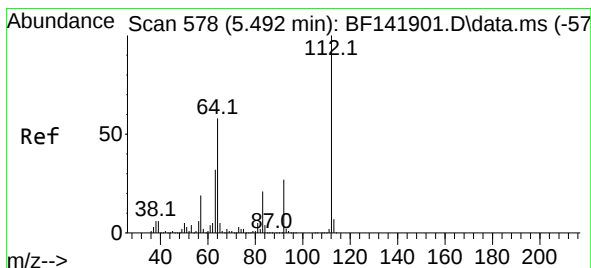
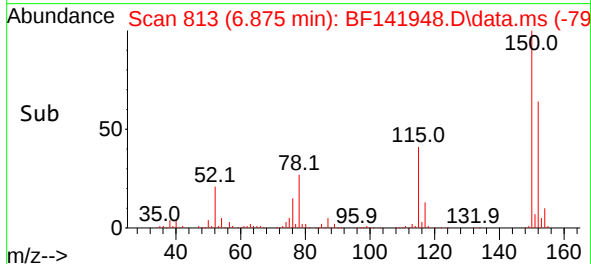
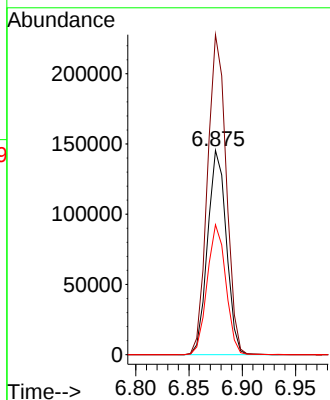
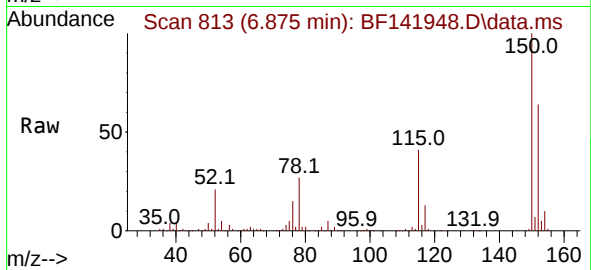




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF141948.D
 Acq: 13 Mar 2025 18:42

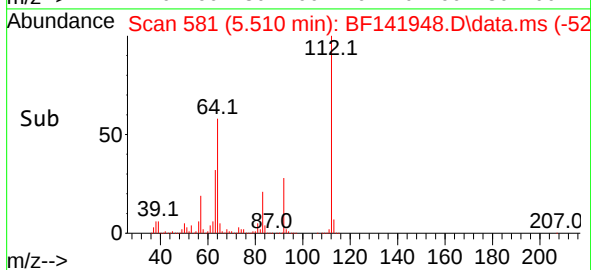
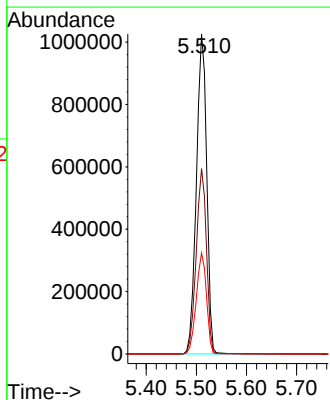
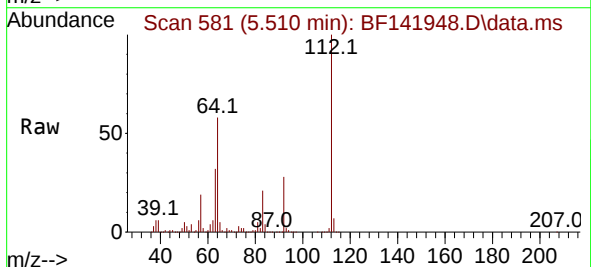
Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-01

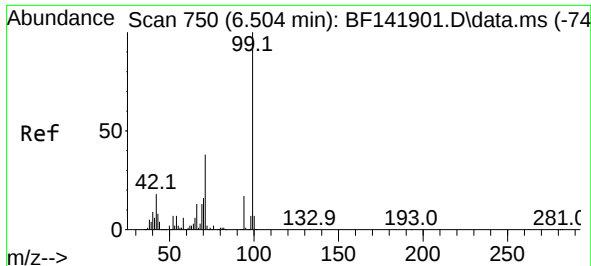
Tgt Ion:152 Resp: 178425
 Ion Ratio Lower Upper
 152 100
 150 156.6 127.4 191.2
 115 63.6 51.9 77.9



#5
 2-Fluorophenol
 Concen: 136.793 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.018 min
 Lab File: BF141948.D
 Acq: 13 Mar 2025 18:42

Tgt Ion:112 Resp: 1462426
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.5 69.7
 63 31.5 25.4 38.2



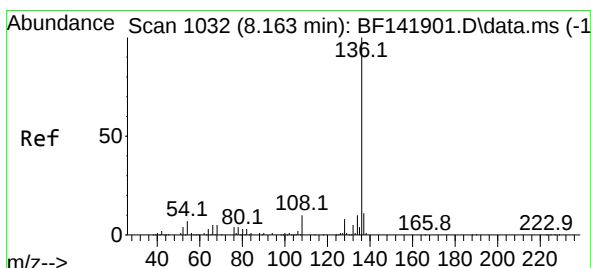
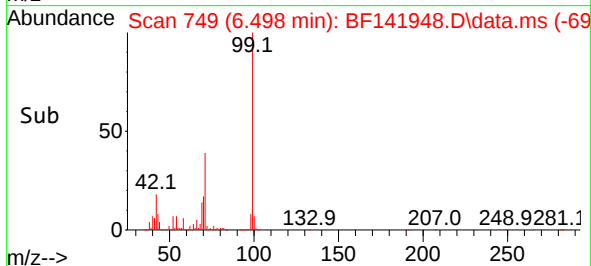
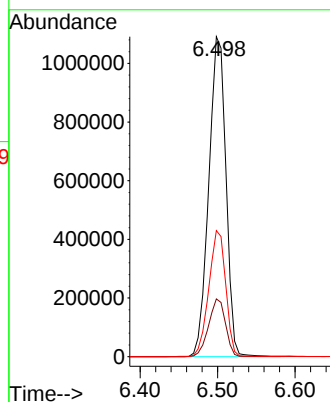
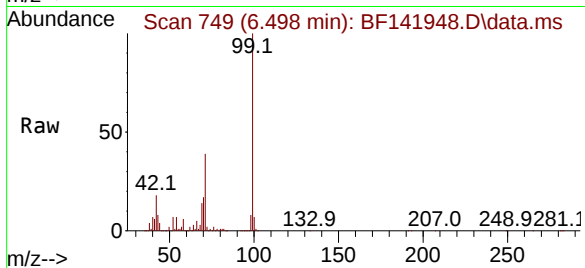


#7
Phenol-d6
Concen: 123.406 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF141948.D
Acq: 13 Mar 2025 18:42

Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01

Tgt Ion: 99 Resp: 1679771

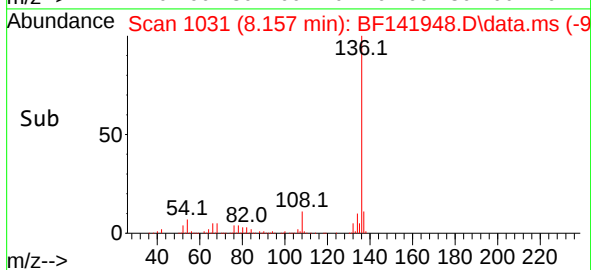
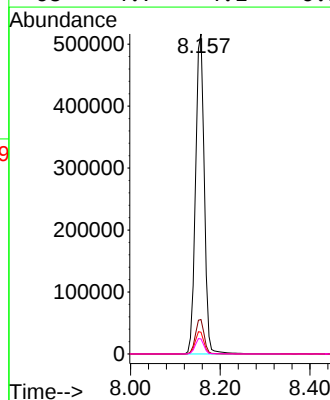
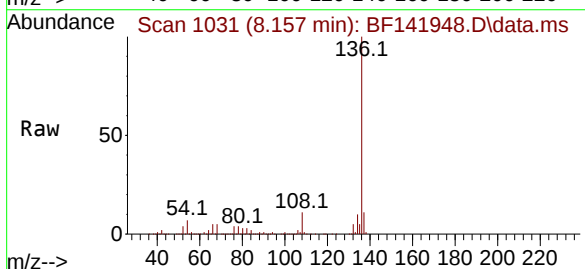
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.6	21.8
71	39.4	30.8	46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141948.D
Acq: 13 Mar 2025 18:42

Tgt Ion: 136 Resp: 696758

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	5.8	8.8
68	4.7	4.1	6.1

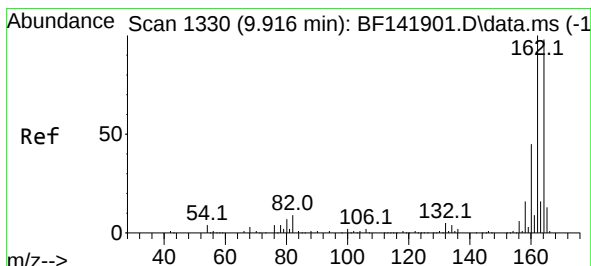
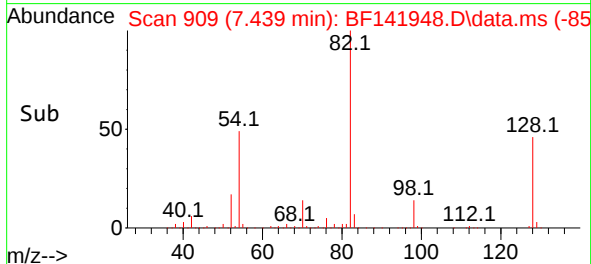
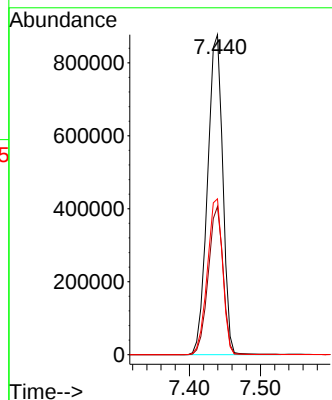
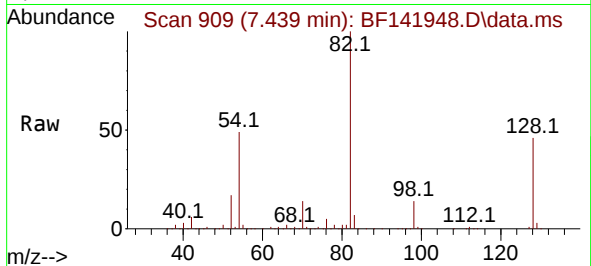




#23
Nitrobenzene-d5
Concen: 105.880 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF141948.D
Acq: 13 Mar 2025 18:42

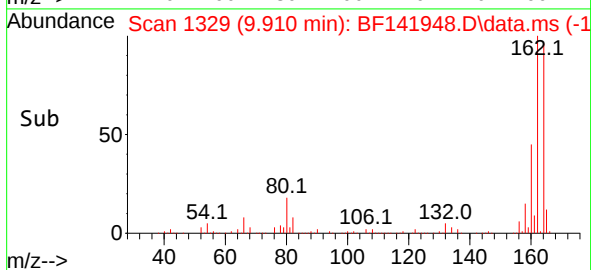
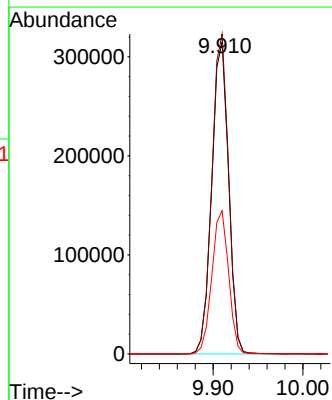
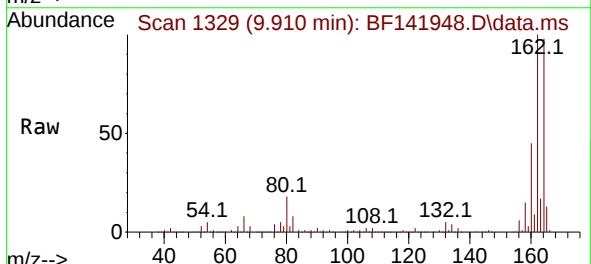
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01

Tgt Ion: 82 Resp: 1310907
Ion Ratio Lower Upper
82 100
128 46.3 36.0 54.0
54 48.7 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141948.D
Acq: 13 Mar 2025 18:42

Tgt Ion:164 Resp: 409652
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 45.9 36.7 55.1

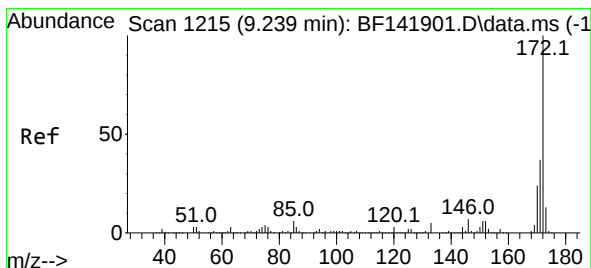
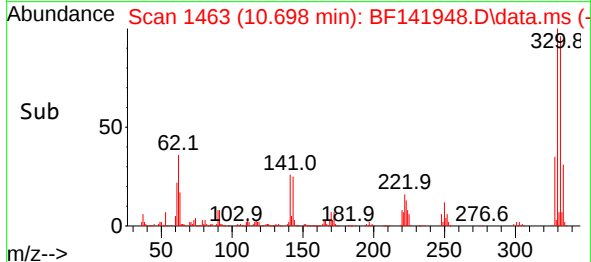
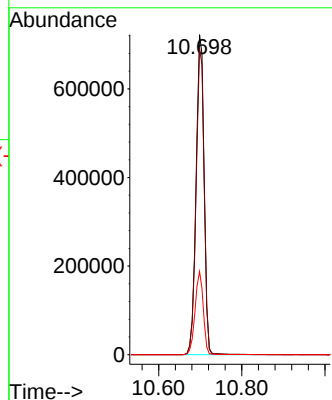
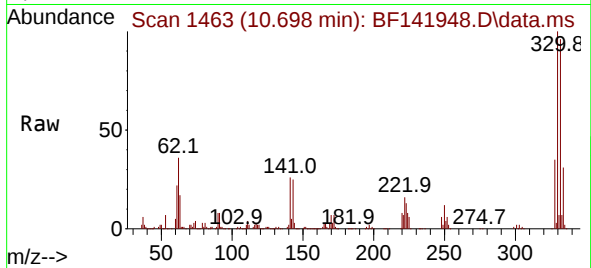




#42
2,4,6-Tribromophenol
Concen: 186.805 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF141948.D
Acq: 13 Mar 2025 18:42

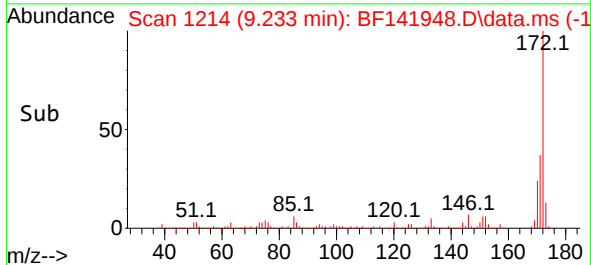
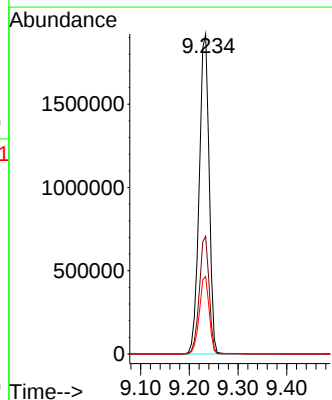
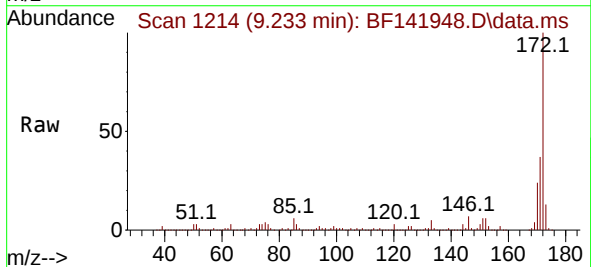
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01

Tgt Ion:330 Resp: 970823
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 26.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 101.359 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141948.D
Acq: 13 Mar 2025 18:42

Tgt Ion:172 Resp: 2730236
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 24.2 19.4 29.0

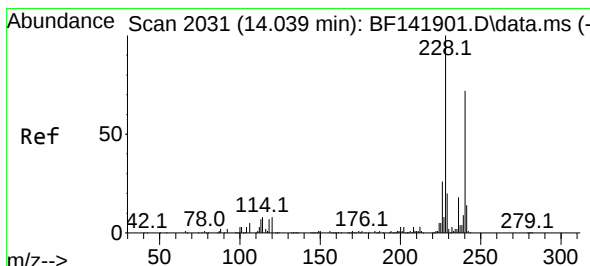
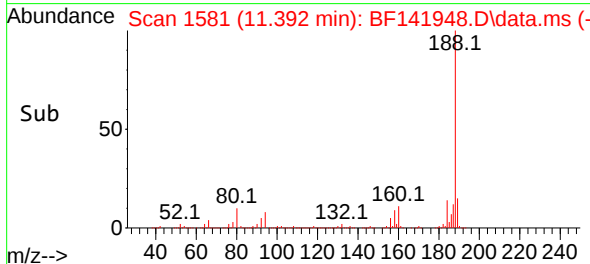
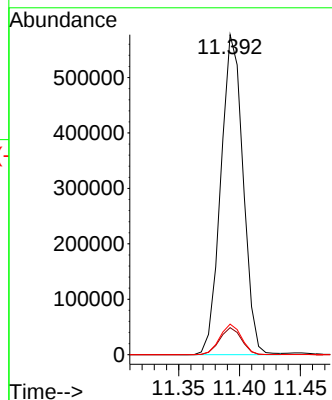
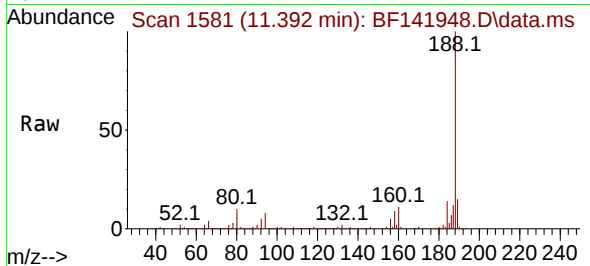




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141948.D
Acq: 13 Mar 2025 18:42

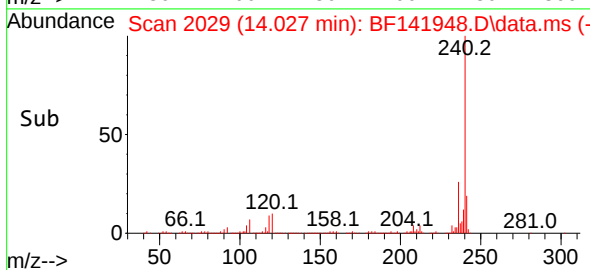
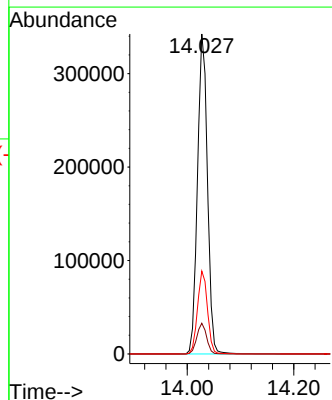
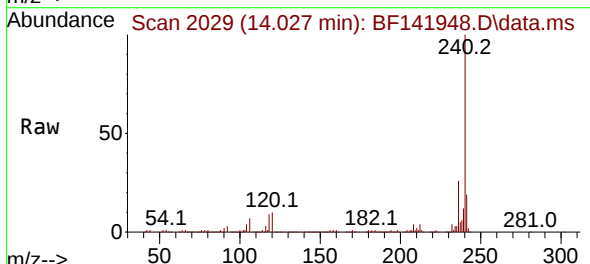
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BNA_F
ClientSampleId :
OR-620-JB-COMP-01

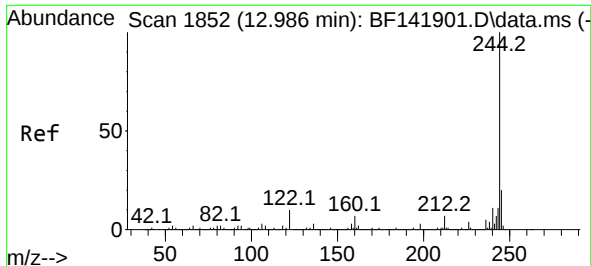
Tgt Ion:188 Resp: 735871
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF141948.D
Acq: 13 Mar 2025 18:42

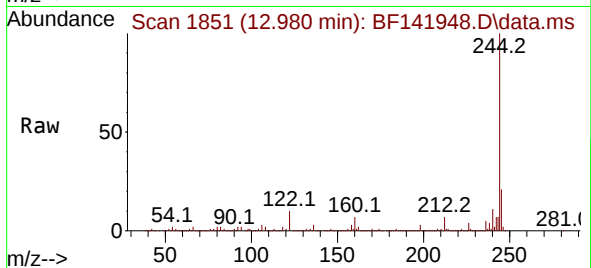
Tgt Ion:240 Resp: 445342
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.9 20.5 30.7



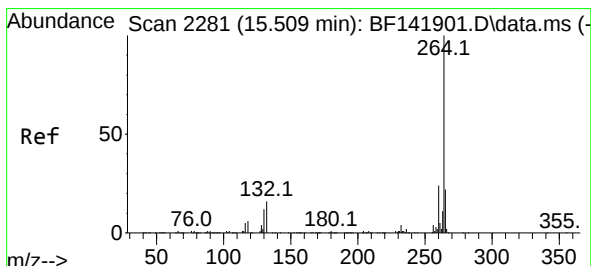
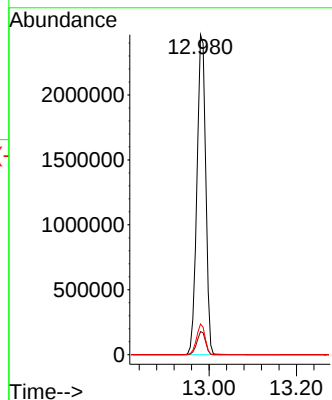
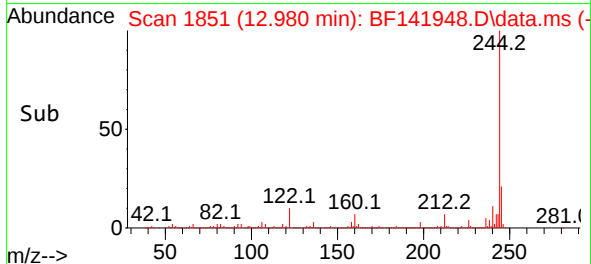


#79
 Terphenyl-d14
 Concen: 114.265 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141948.D
 Acq: 13 Mar 2025 18:42

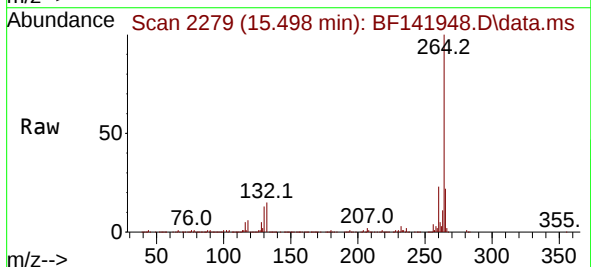
Instrument :
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 OR-620-JB-COMP-01



Tgt Ion:244 Resp: 3441906
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.6 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.012 min
 Lab File: BF141948.D
 Acq: 13 Mar 2025 18:42



Tgt Ion:264 Resp: 385618
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.9 17.5 26.3

