

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140731.D
 Acq On : 04 Dec 2024 17:20
 Operator : RC/JU
 Sample : P5052-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-51

Quant Time: Dec 04 17:43:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

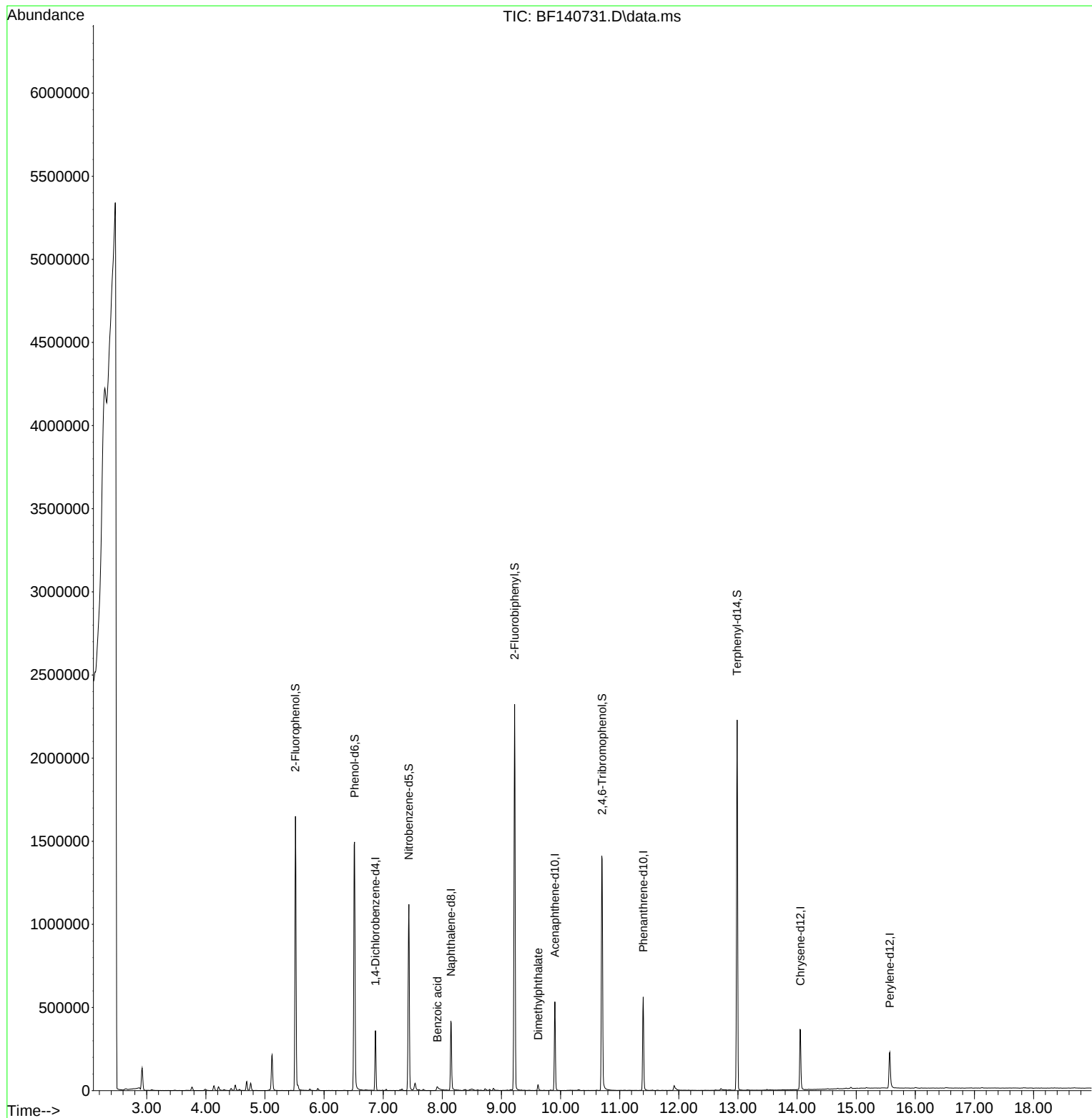
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	76787	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	285264	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	159418	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	315651	20.000	ng	0.00
76) Chrysene-d12	14.057	240	193657	20.000	ng	0.00
86) Perylene-d12	15.568	264	152096	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	623451	138.531	ng	0.02
7) Phenol-d6	6.516	99	778308	130.815	ng	0.00
23) Nitrobenzene-d5	7.433	82	539936	96.815	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	273606	160.474	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1063201	99.368	ng	-0.01
79) Terphenyl-d14	12.986	244	1110482	89.290	ng	0.00
Target Compounds						
32) Benzoic acid	7.916	122	15586	12.174	ng	93
50) Dimethylphthalate	9.622	163	21947	2.090	ng	99

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

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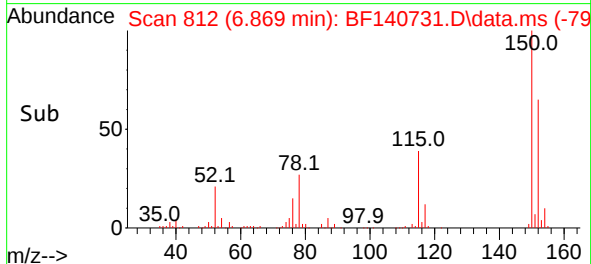
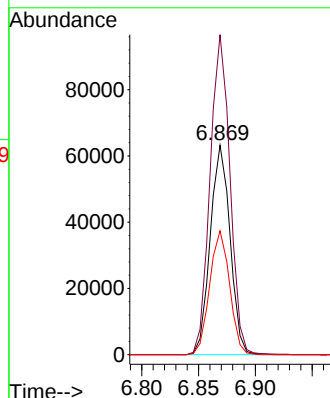
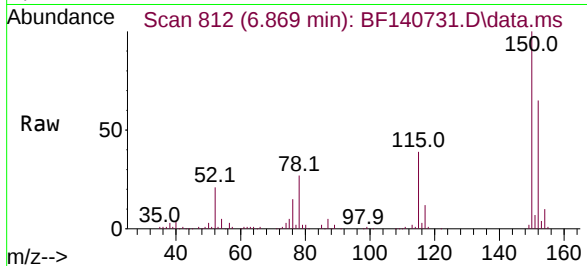




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

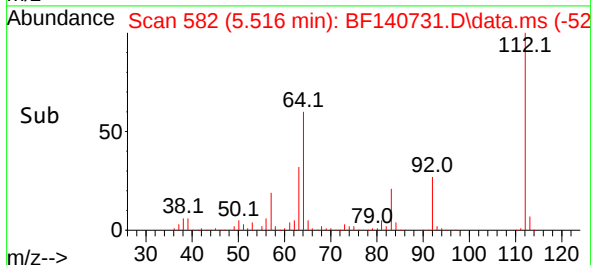
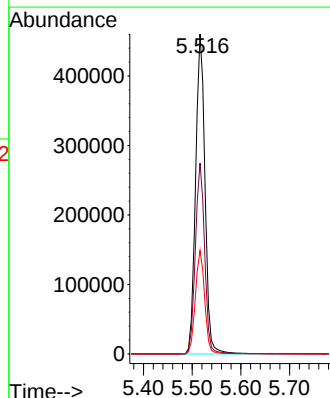
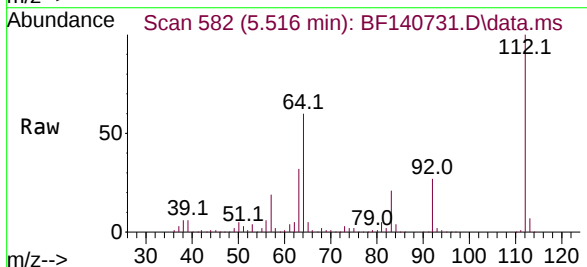
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-51

Tgt Ion:152 Resp: 76787
Ion Ratio Lower Upper
152 100
150 152.7 128.5 192.7
115 59.1 50.2 75.4



#5
2-Fluorophenol
Concen: 138.531 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion:112 Resp: 623451
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 32.4 27.0 40.4

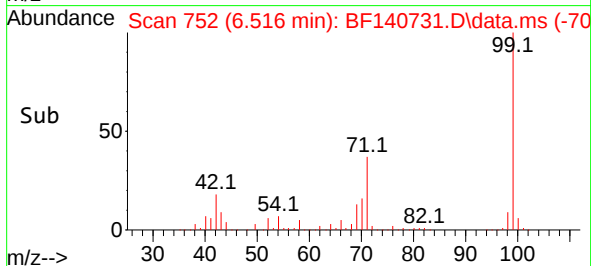
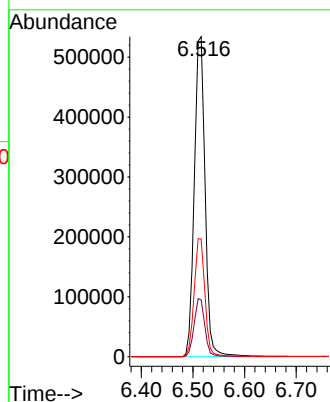
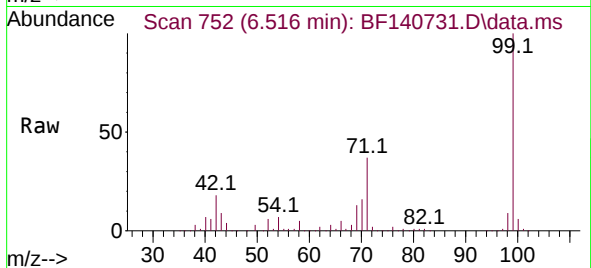




#7
Phenol-d6
Concen: 130.815 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

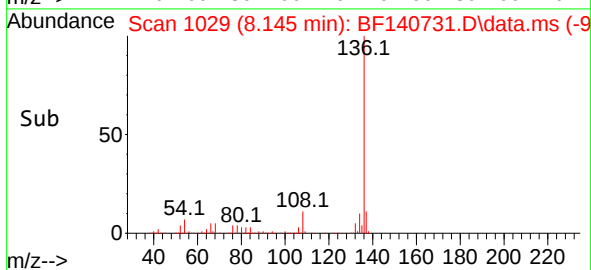
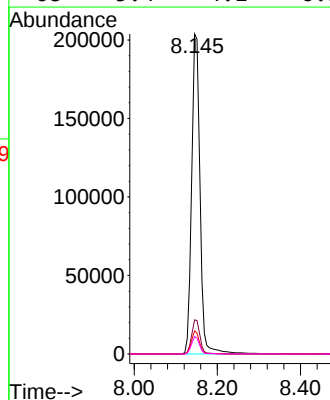
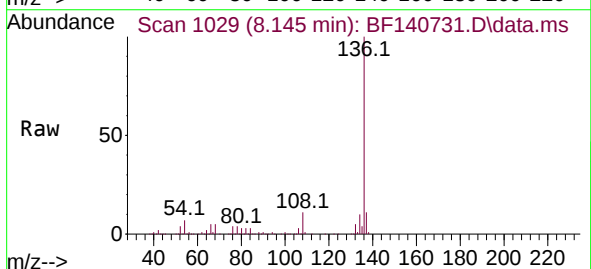
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-51

Tgt Ion: 99 Resp: 778308
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion: 136 Resp: 285264
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.2 5.8 8.8
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 96.815 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140731.D

Acq: 04 Dec 2024 17:20

Instrument :

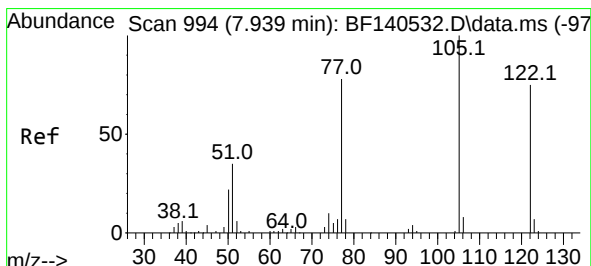
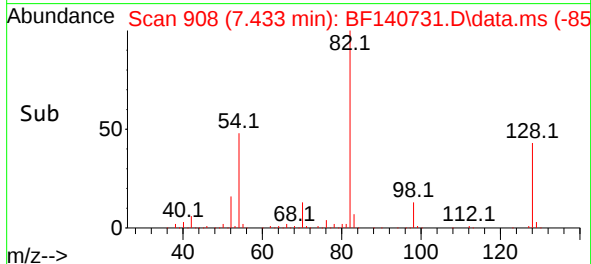
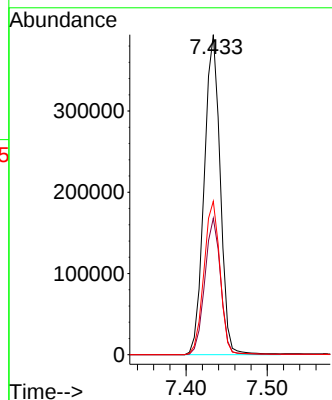
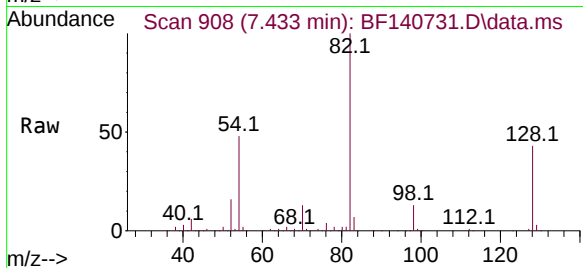
BNA_F

ClientSampleId :

OR-640-COMP-51

Tgt Ion: 82 Resp: 539936

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.0	49.4
54	47.9	39.5	59.3



#32

Benzoic acid

Concen: 12.174 ng

RT: 7.916 min Scan# 990

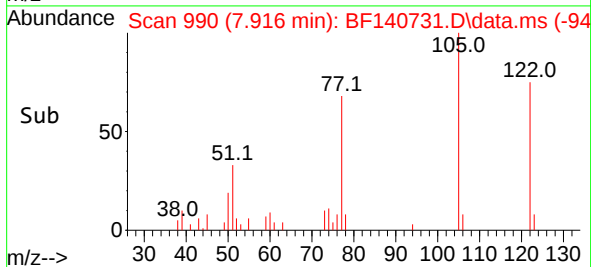
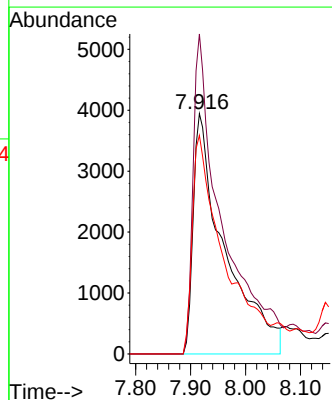
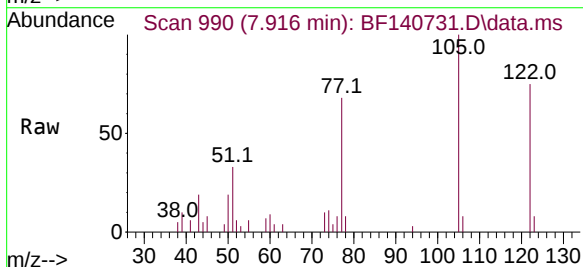
Delta R.T. -0.023 min

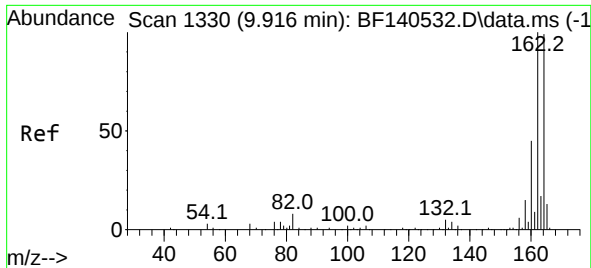
Lab File: BF140731.D

Acq: 04 Dec 2024 17:20

Tgt Ion:122 Resp: 15586

Ion	Ratio	Lower	Upper
122	100		
105	133.2	109.3	149.3
77	91.0	82.3	122.3

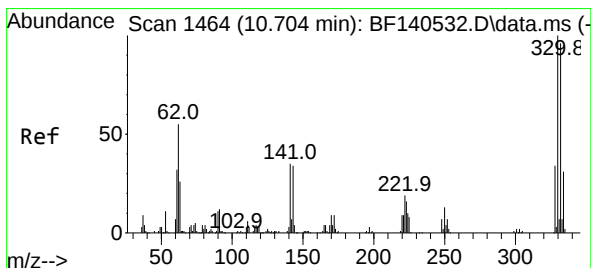
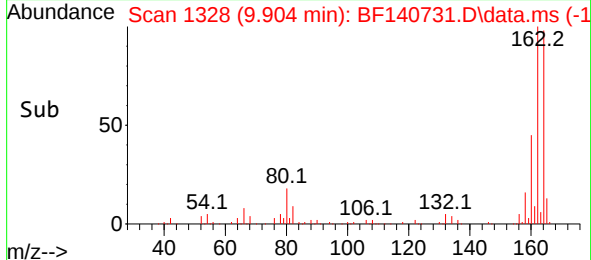
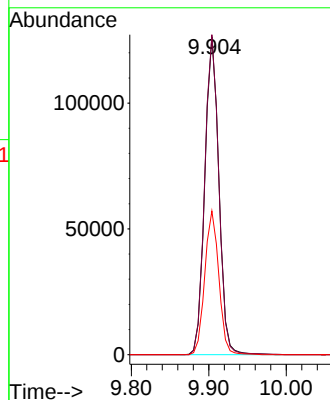
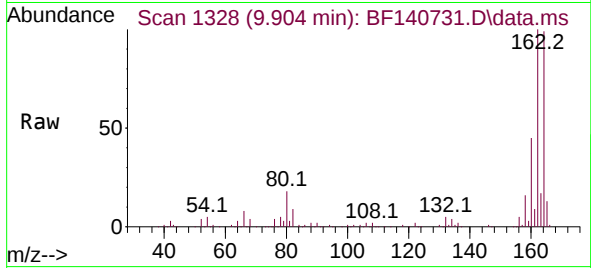




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

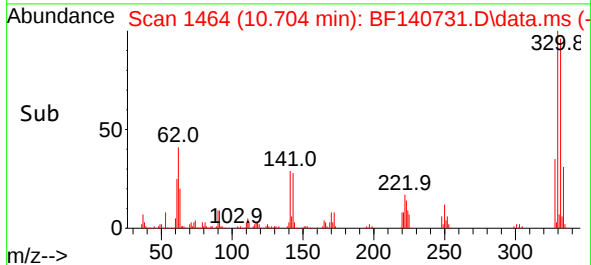
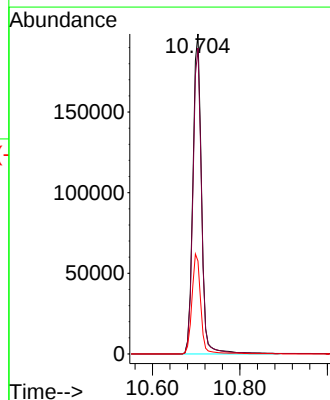
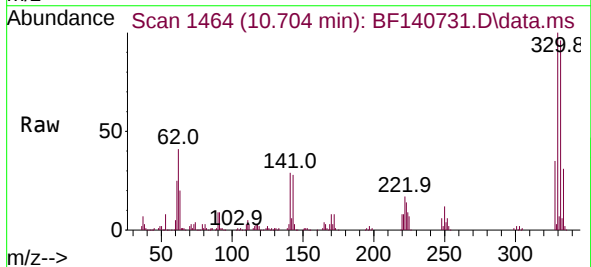
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-51

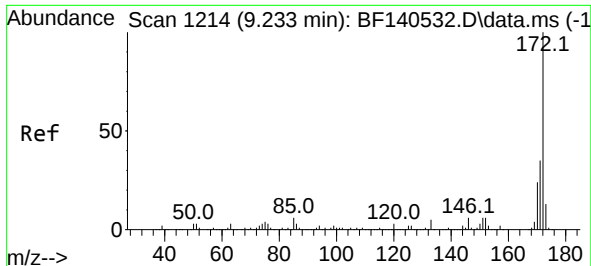
Tgt Ion:164 Resp: 159418
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 45.2 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 160.474 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion:330 Resp: 273606
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 31.9 26.7 40.1

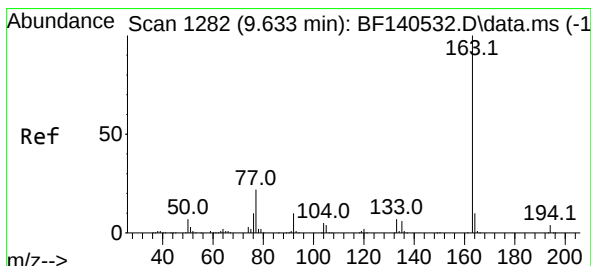
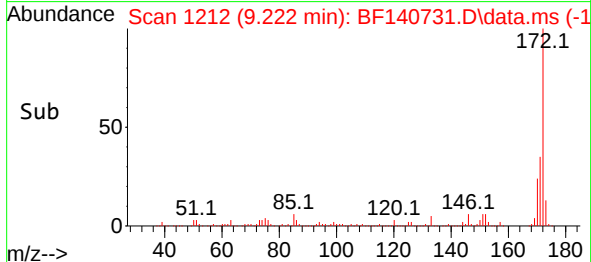
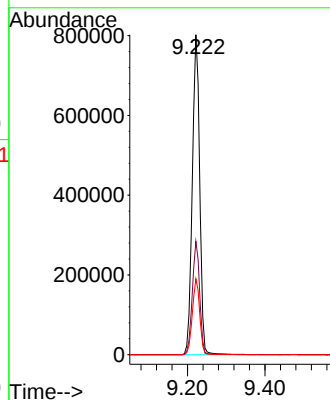
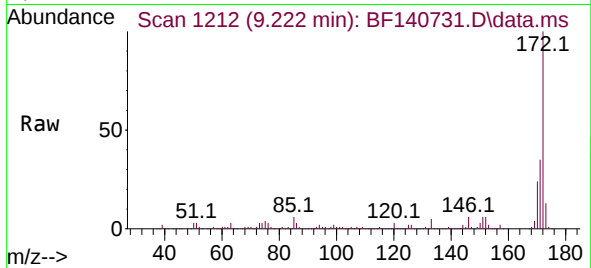




#45
2-Fluorobiphenyl
Concen: 99.368 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

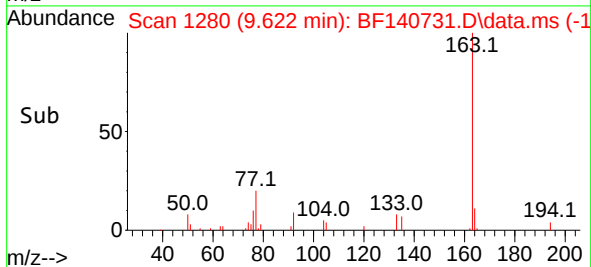
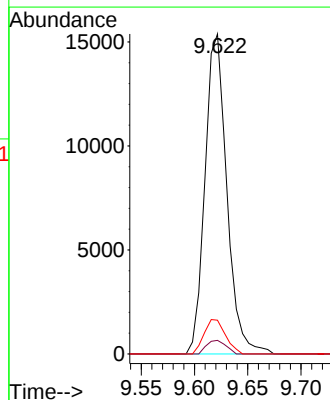
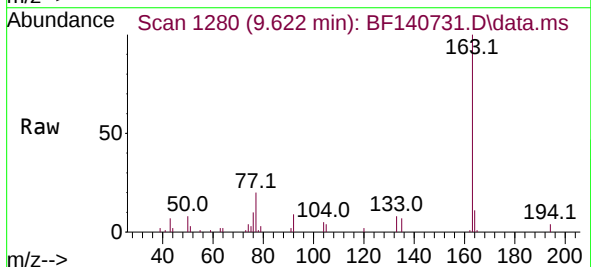
Instrument :
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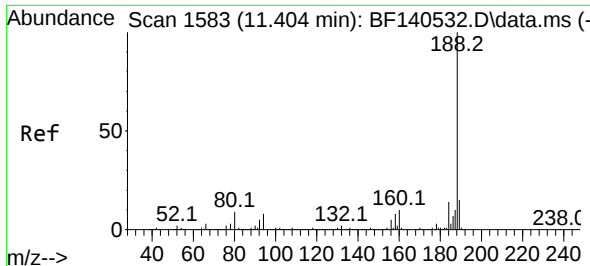
Tgt Ion:172 Resp: 1063201
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.0 28.6



#50
Dimethylphthalate
Concen: 2.090 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion:163 Resp: 21947
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.5 8.2 12.2

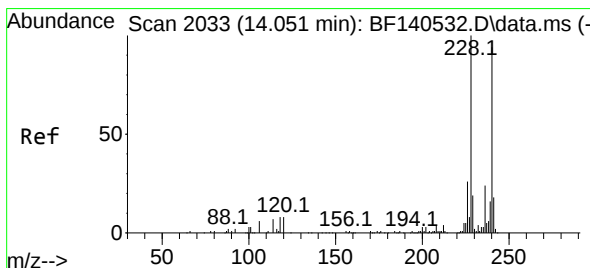
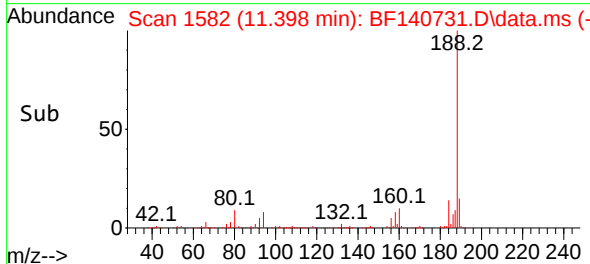
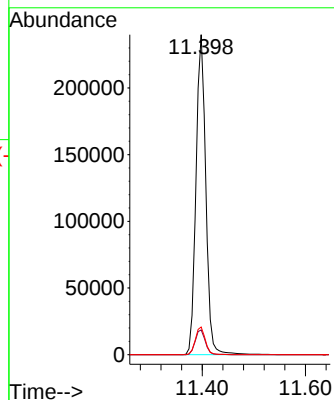
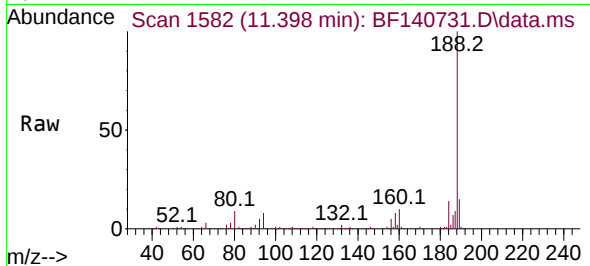




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

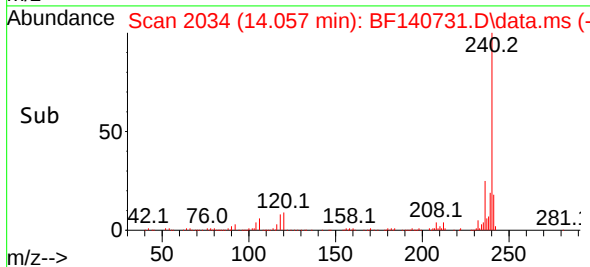
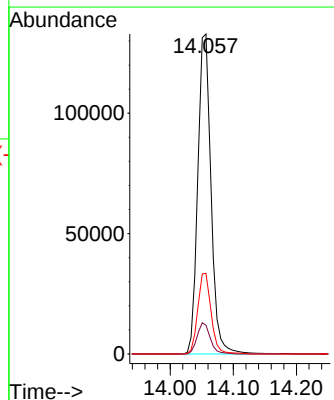
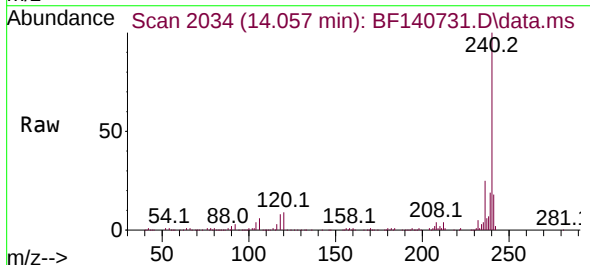
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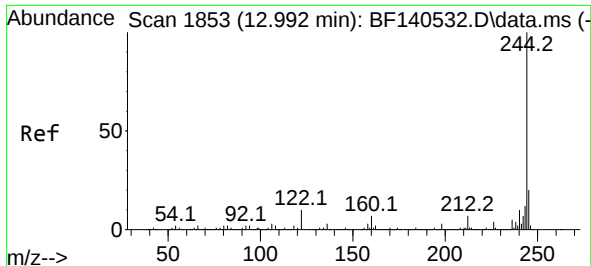
Tgt Ion:188 Resp: 315651
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion:240 Resp: 193657
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 25.2 20.6 31.0

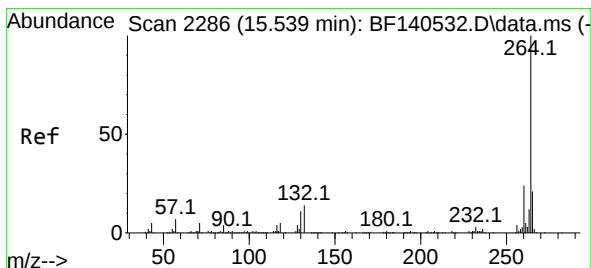
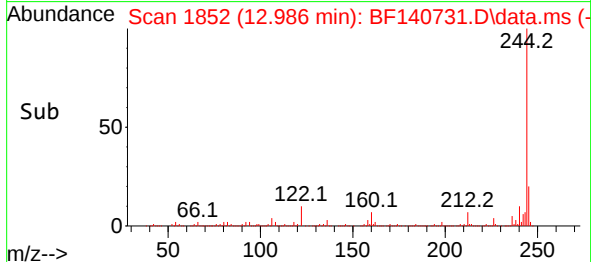
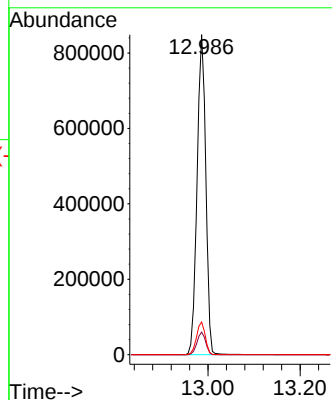
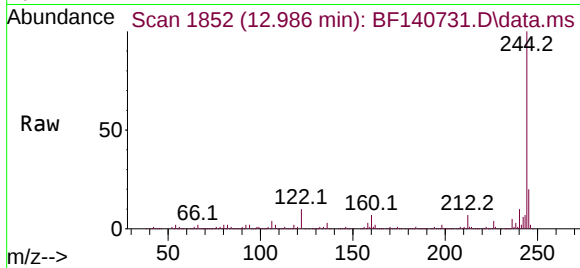




#79
 Terphenyl-d14
 Concen: 89.290 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140731.D
 Acq: 04 Dec 2024 17:20

Instrument :
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Tgt Ion:244 Resp: 1110482
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2291
 Delta R.T. 0.029 min
 Lab File: BF140731.D
 Acq: 04 Dec 2024 17:20

Tgt Ion:264 Resp: 152096
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.6
 265 21.2 16.6 25.0

