

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140728.D
 Acq On : 04 Dec 2024 16:02
 Operator : RC/JU
 Sample : P5052-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-50

Quant Time: Dec 04 16:30:33 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)

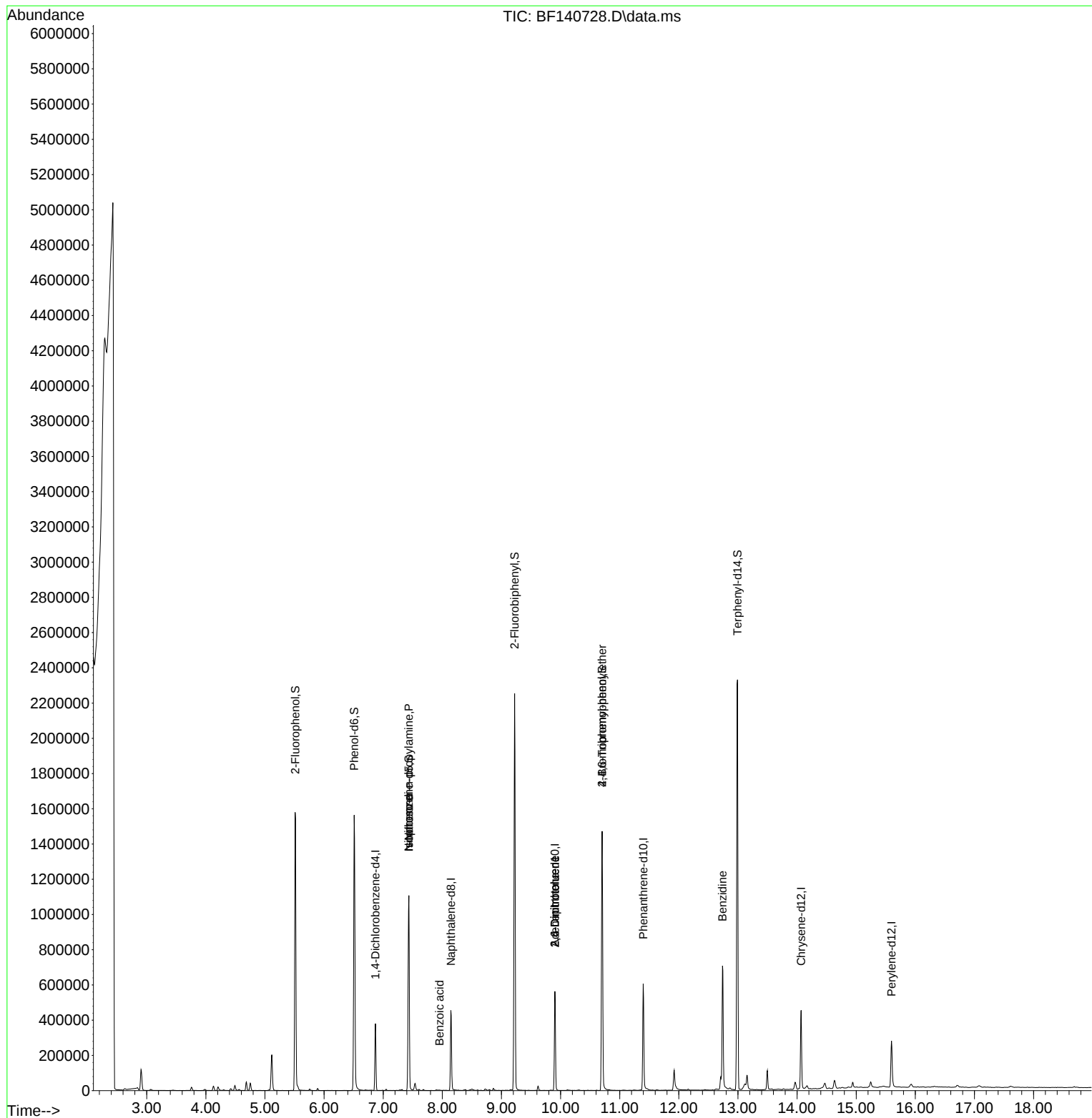
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	79471	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	304494	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	172729	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	328560	20.000	ng	0.00
76) Chrysene-d12	14.068	240	225280	20.000	ng	0.02
86) Perylene-d12	15.598	264	168311	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	621592	133.453	ng	0.02
7) Phenol-d6	6.510	99	780827	126.806	ng	0.00
23) Nitrobenzene-d5	7.434	82	532699	89.485	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	270117	146.219	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1030237	88.867	ng	-0.01
79) Terphenyl-d14	12.992	244	1224491	84.637	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	72692	19.975	ng	# 75
25) Isophorone	7.434	82	531438	53.524	ng	# 66
32) Benzoic acid	7.951	122	2022	7.797	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	22316	8.650	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	22316	6.508	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	17601	5.202	ng	# 1
77) Benzidine	12.739	184	406577	62.074	ng	99

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

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Dec 04 16:30:33 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

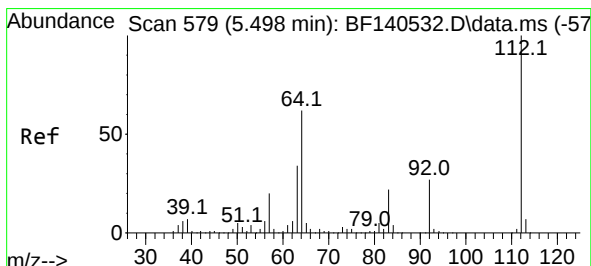
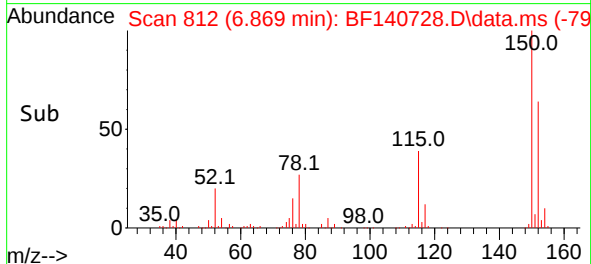
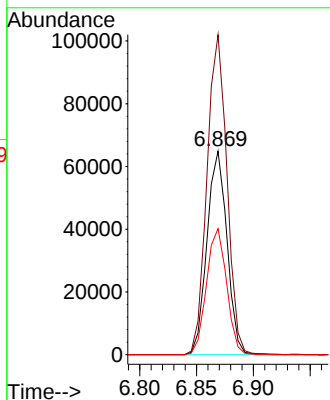
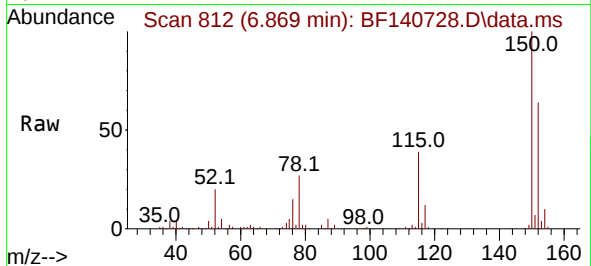




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

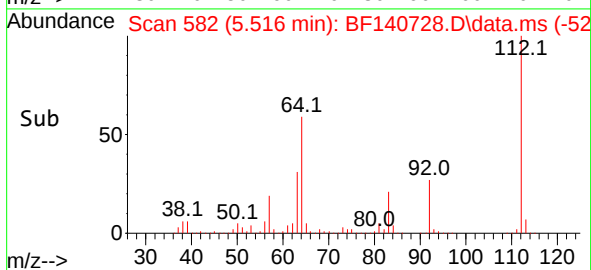
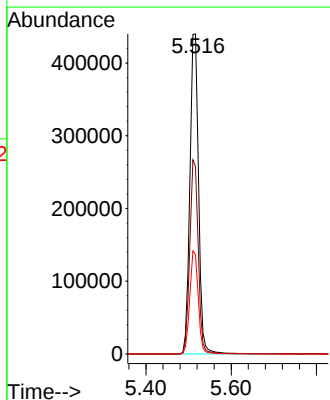
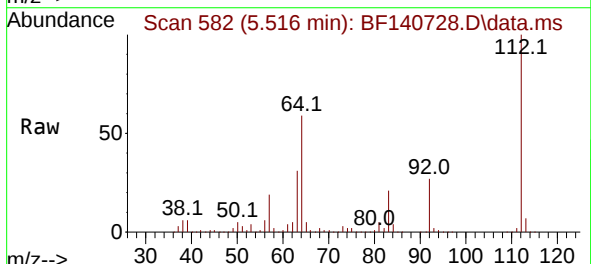
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50

Tgt Ion:152 Resp: 79471
Ion Ratio Lower Upper
152 100
150 157.3 128.5 192.7
115 62.0 50.2 75.4



#5
2-Fluorophenol
Concen: 133.453 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

Tgt Ion:112 Resp: 621592
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 31.1 27.0 40.4

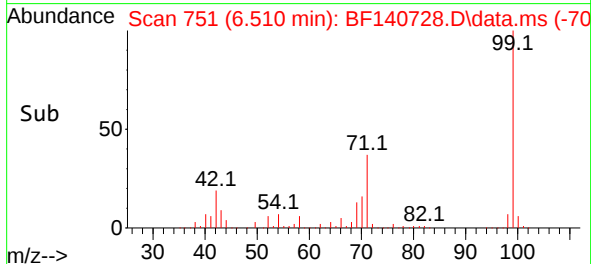
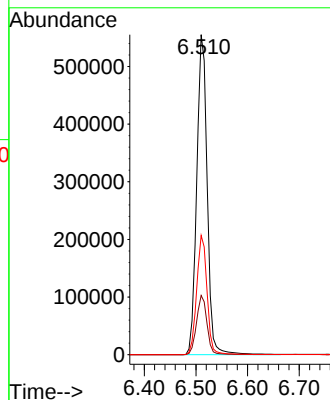
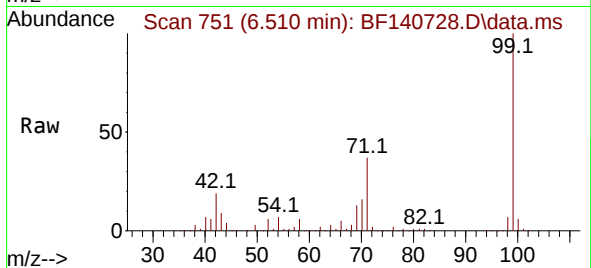




#7
Phenol-d6
Concen: 126.806 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

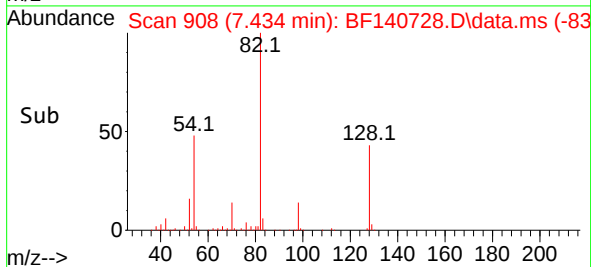
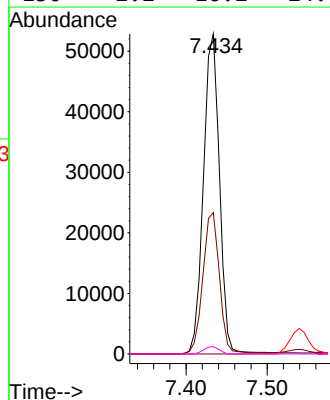
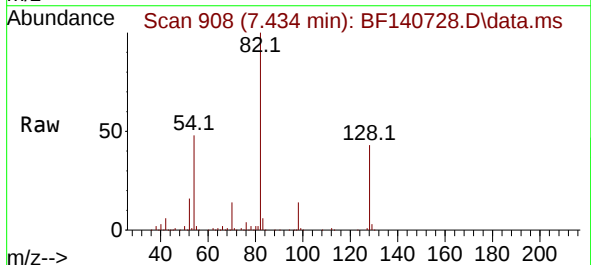
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50

Tgt Ion: 99 Resp: 780827
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.975 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

Tgt Ion: 70 Resp: 72692
Ion Ratio Lower Upper
70 100
42 44.2 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#

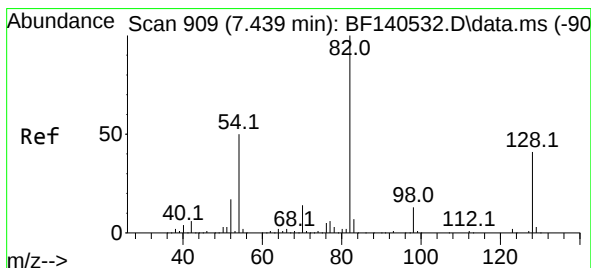
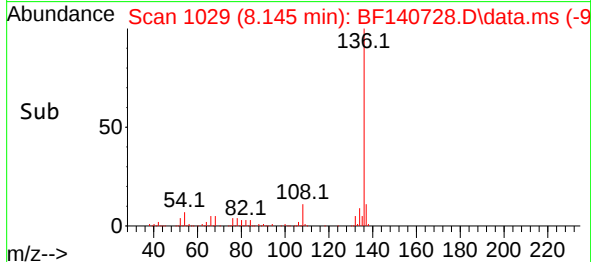
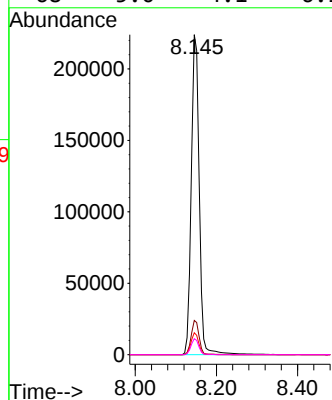
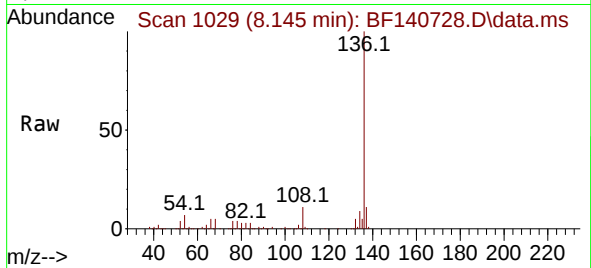




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

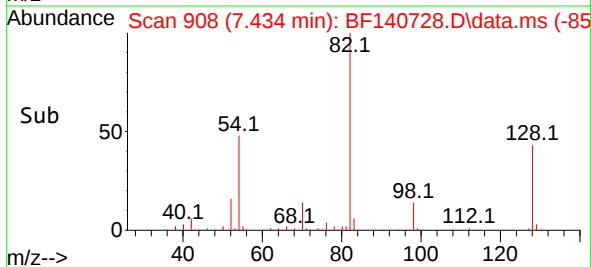
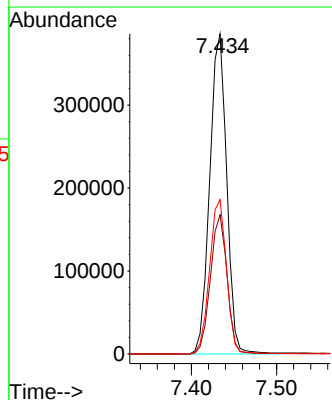
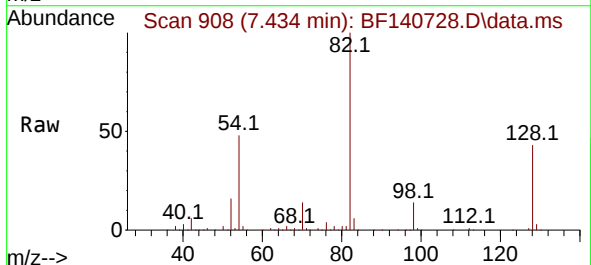
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50

Tgt Ion:136	Resp: 304494
Ion Ratio	Lower Upper
136	100
137	10.7 8.6 13.0
54	6.9 5.8 8.8
68	5.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 89.485 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

Tgt Ion: 82	Resp: 532699
Ion Ratio	Lower Upper
82	100
128	43.5 33.0 49.4
54	48.2 39.5 59.3

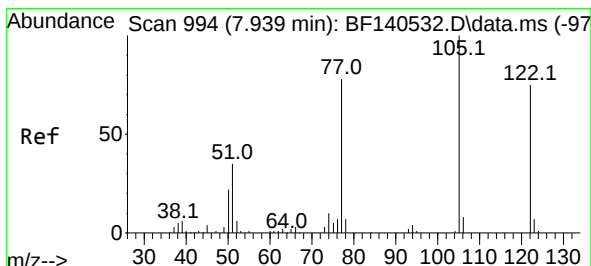
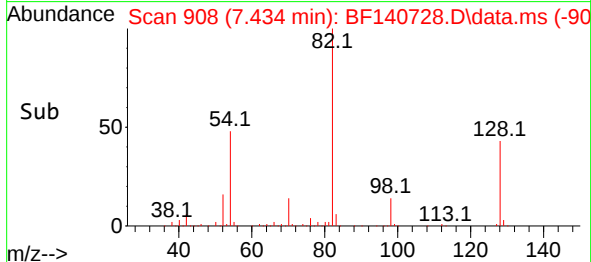
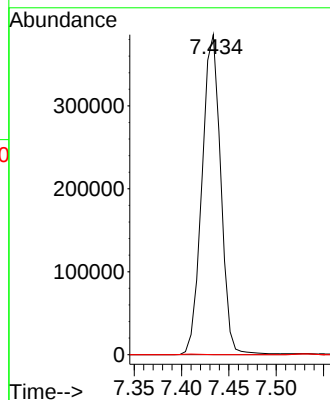
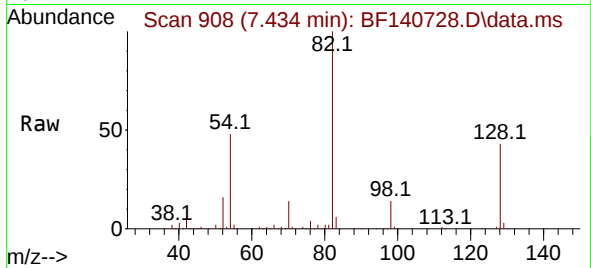




#25
Isophorone
Concen: 53.524 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

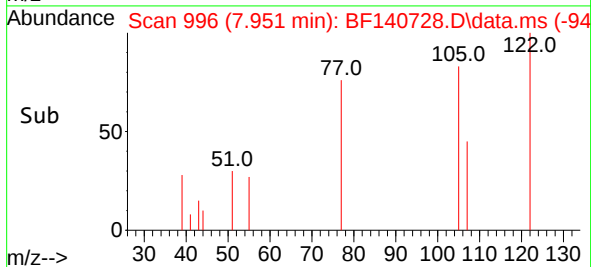
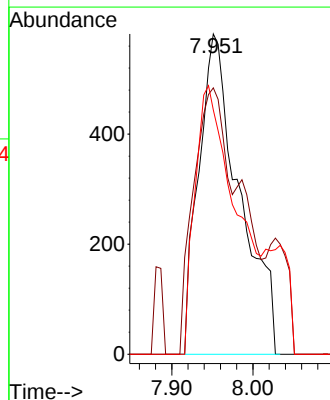
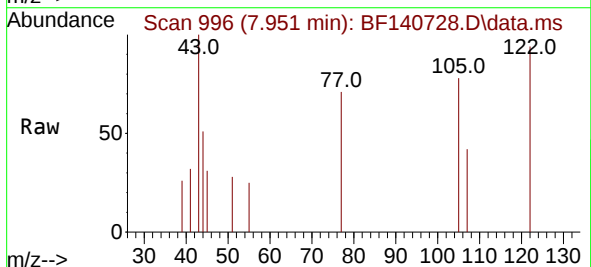
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50

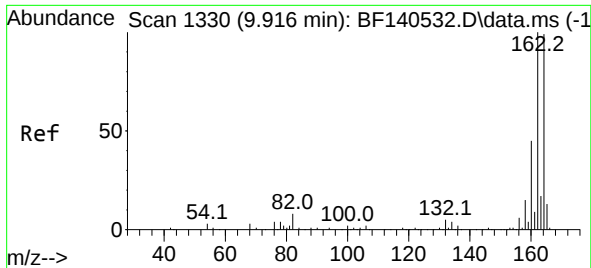
Tgt Ion: 82 Resp: 531438
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.797 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

Tgt Ion: 122 Resp: 2022
Ion Ratio Lower Upper
122 100
105 83.2 109.3 149.3#
77 76.3 82.3 122.3#

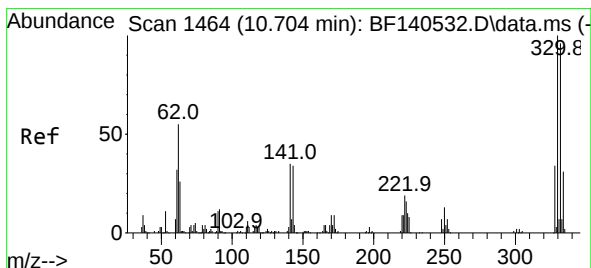
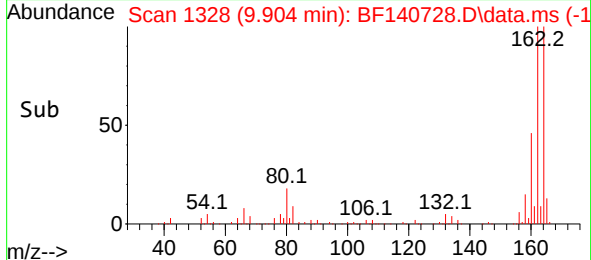
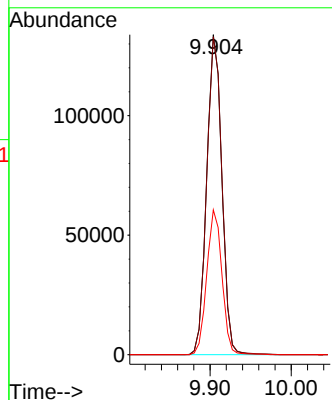
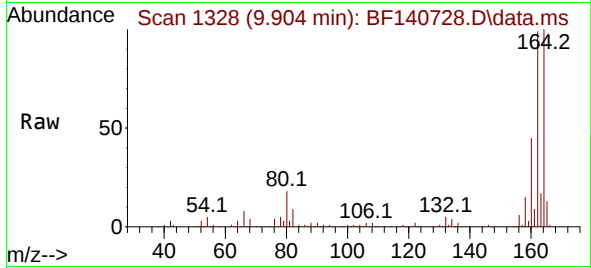




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

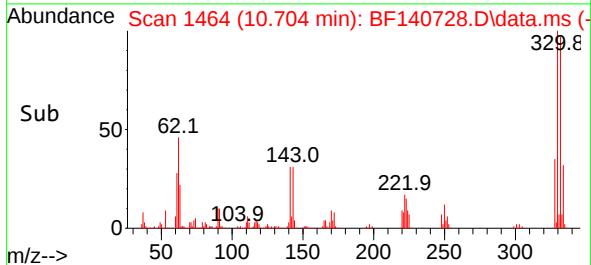
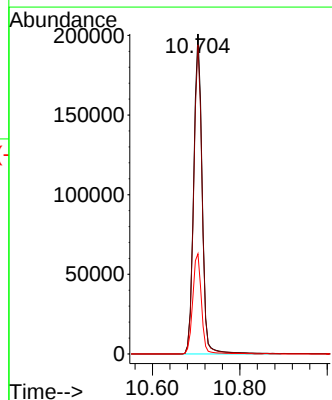
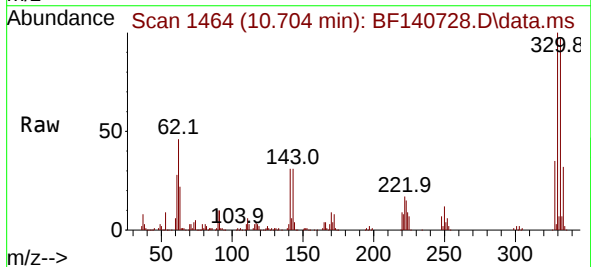
Instrument :
BNA_F
ClientSampleId :
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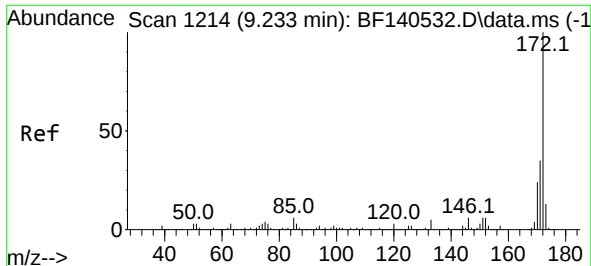
Tgt Ion:164 Resp: 172729
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 45.3 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 146.219 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

Tgt Ion:330 Resp: 270117
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 32.2 26.7 40.1

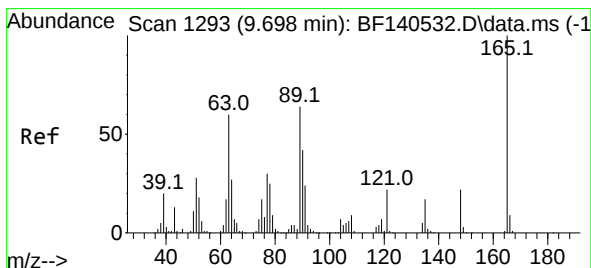
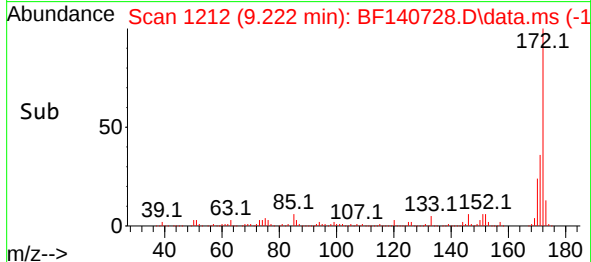
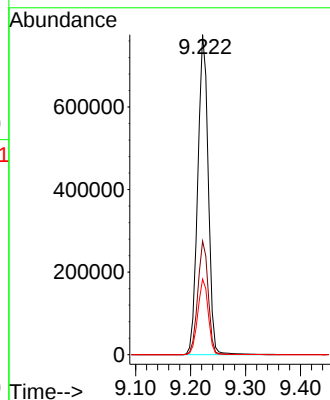
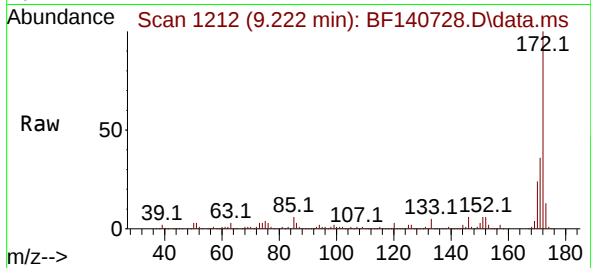




#45
2-Fluorobiphenyl
Concen: 88.867 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

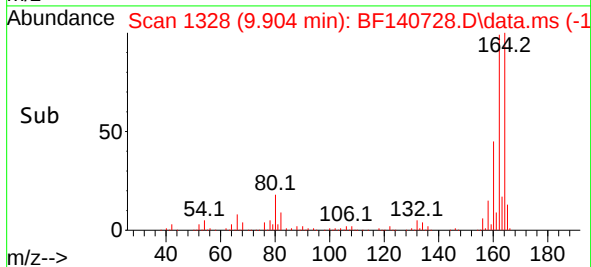
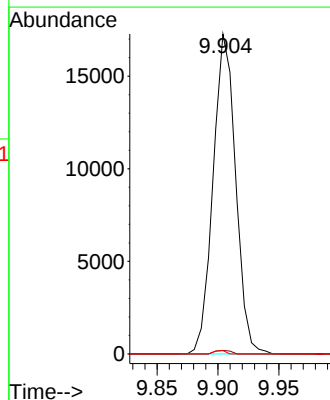
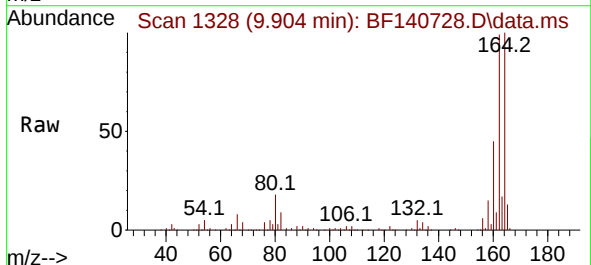
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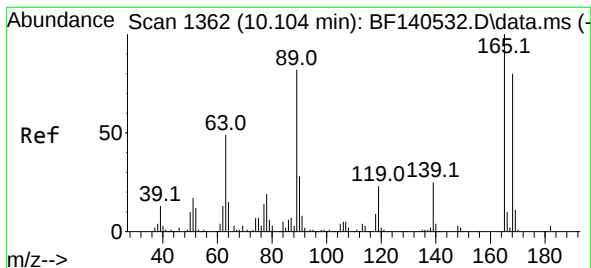
Tgt Ion:172 Resp: 1030237
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.650 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

Tgt Ion:165 Resp: 22316
Ion Ratio Lower Upper
165 100
63 1.1 49.9 74.9#
89 1.1 50.9 76.3#

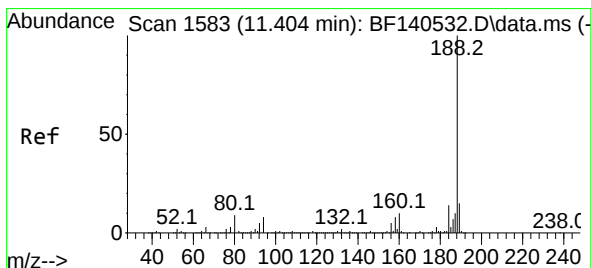
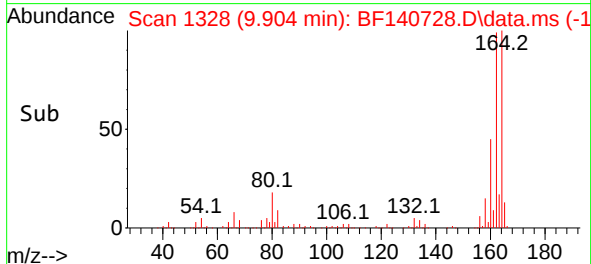
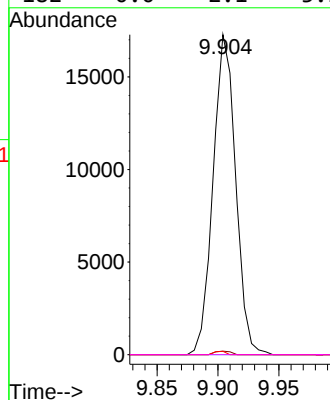
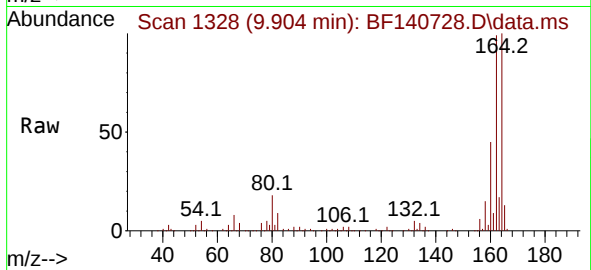




#57
2,4-Dinitrotoluene
Concen: 6.508 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

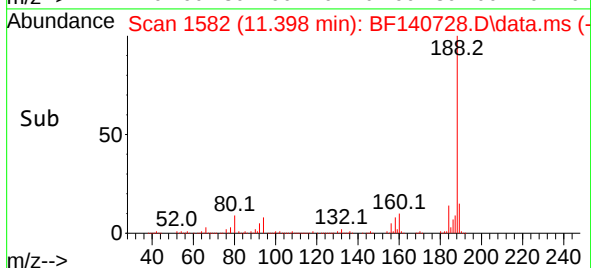
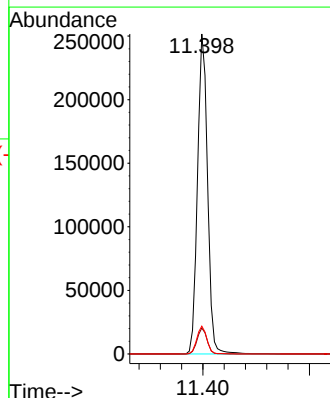
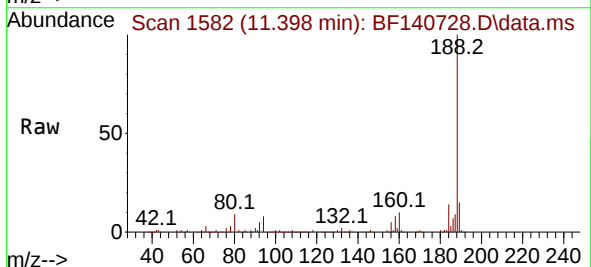
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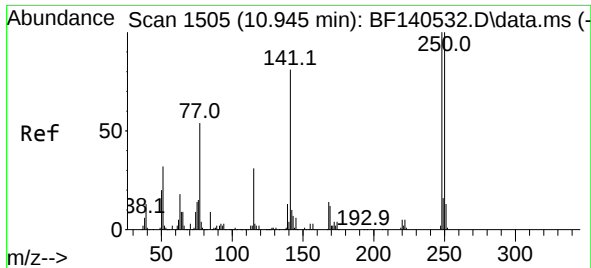
Tgt Ion:165 Resp: 22316
Ion Ratio Lower Upper
165 100
63 1.1 41.7 62.5#
89 1.1 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

Tgt Ion:188 Resp: 328560
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.7 6.9 10.3

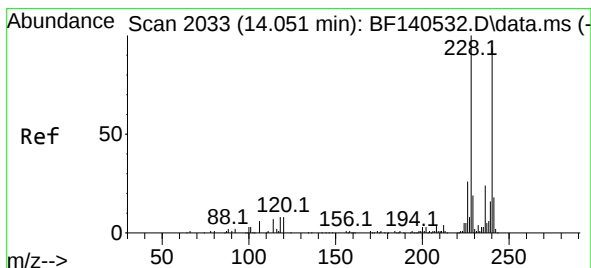
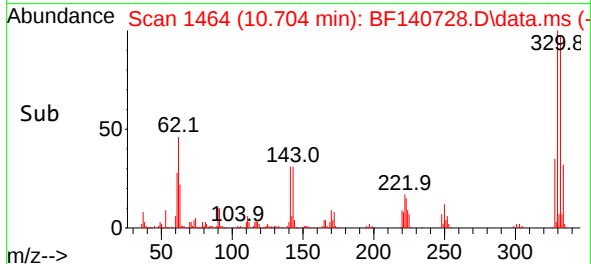
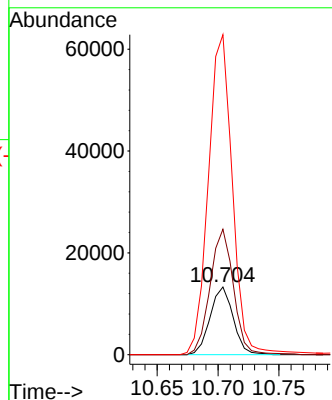
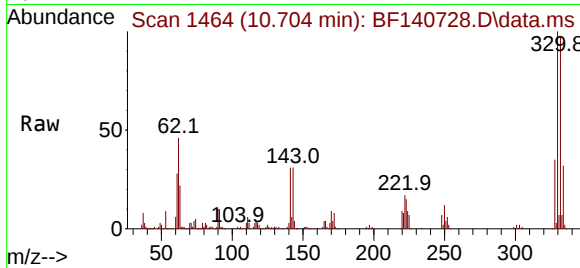




#67
4-Bromophenyl-phenylether
Concen: 5.202 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

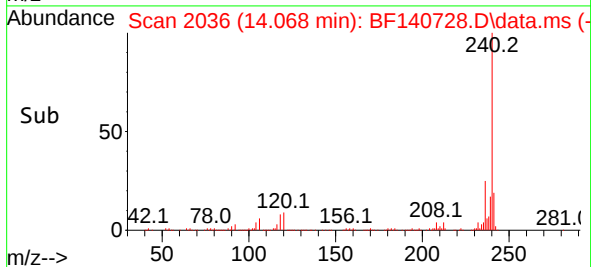
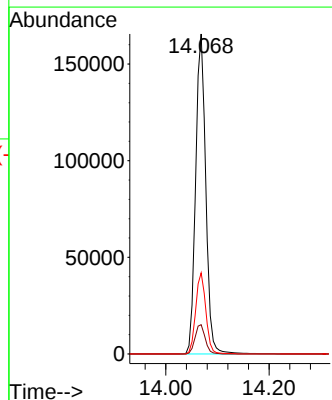
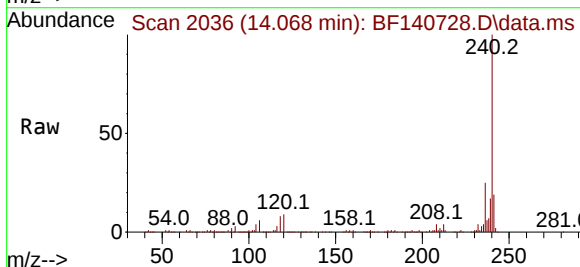
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50

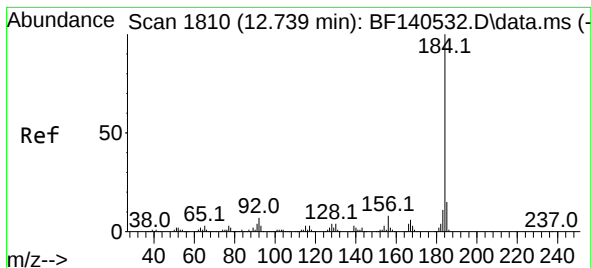
Tgt Ion:248 Resp: 17601
Ion Ratio Lower Upper
248 100
250 185.1 79.8 119.8#
141 472.5 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140728.D
Acq: 04 Dec 2024 16:02

Tgt Ion:240 Resp: 225280
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.4 20.6 31.0





#77

Benzidine

Concen: 62.074 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140728.D

Acq: 04 Dec 2024 16:02

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50

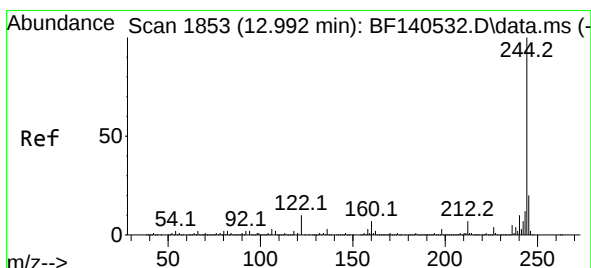
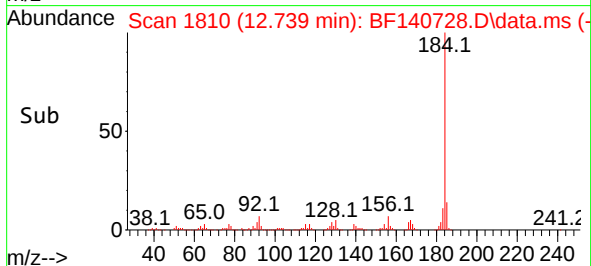
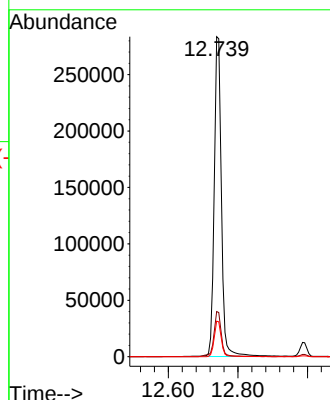
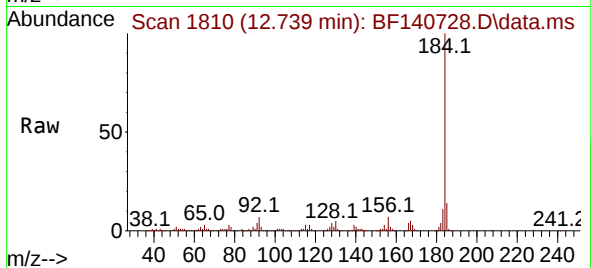
Tgt Ion:184 Resp: 406577

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 11.1 8.8 13.2



#79

Terphenyl-d14

Concen: 84.637 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140728.D

Acq: 04 Dec 2024 16:02

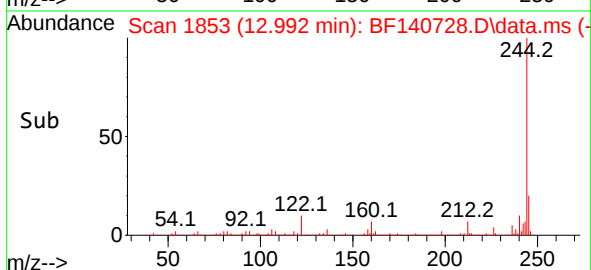
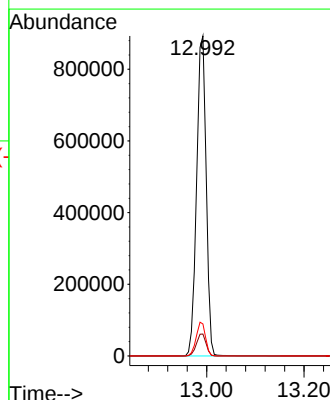
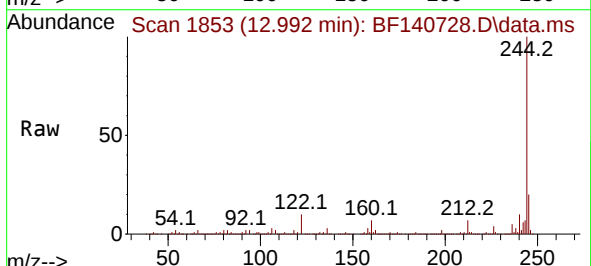
Tgt Ion:244 Resp: 1224491

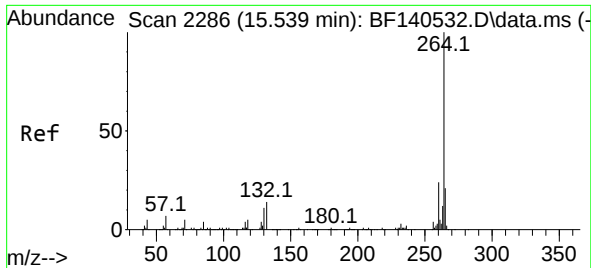
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

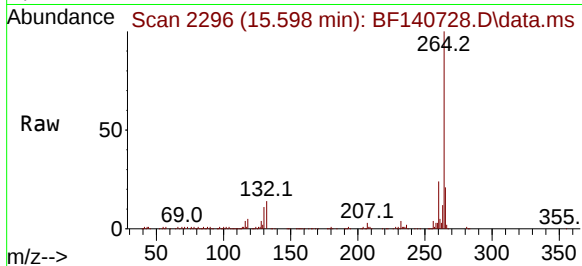
122 10.0 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.598 min Scan# 21
 Delta R.T. 0.059 min
 Lab File: BF140728.D
 Acq: 04 Dec 2024 16:02

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-50



Tgt Ion:264 Resp: 168311
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 20.9 16.6 25.0

