

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140732.D
 Acq On : 04 Dec 2024 17:46
 Operator : RC/JU
 Sample : P5052-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-62

Quant Time: Dec 05 00:14:11 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)

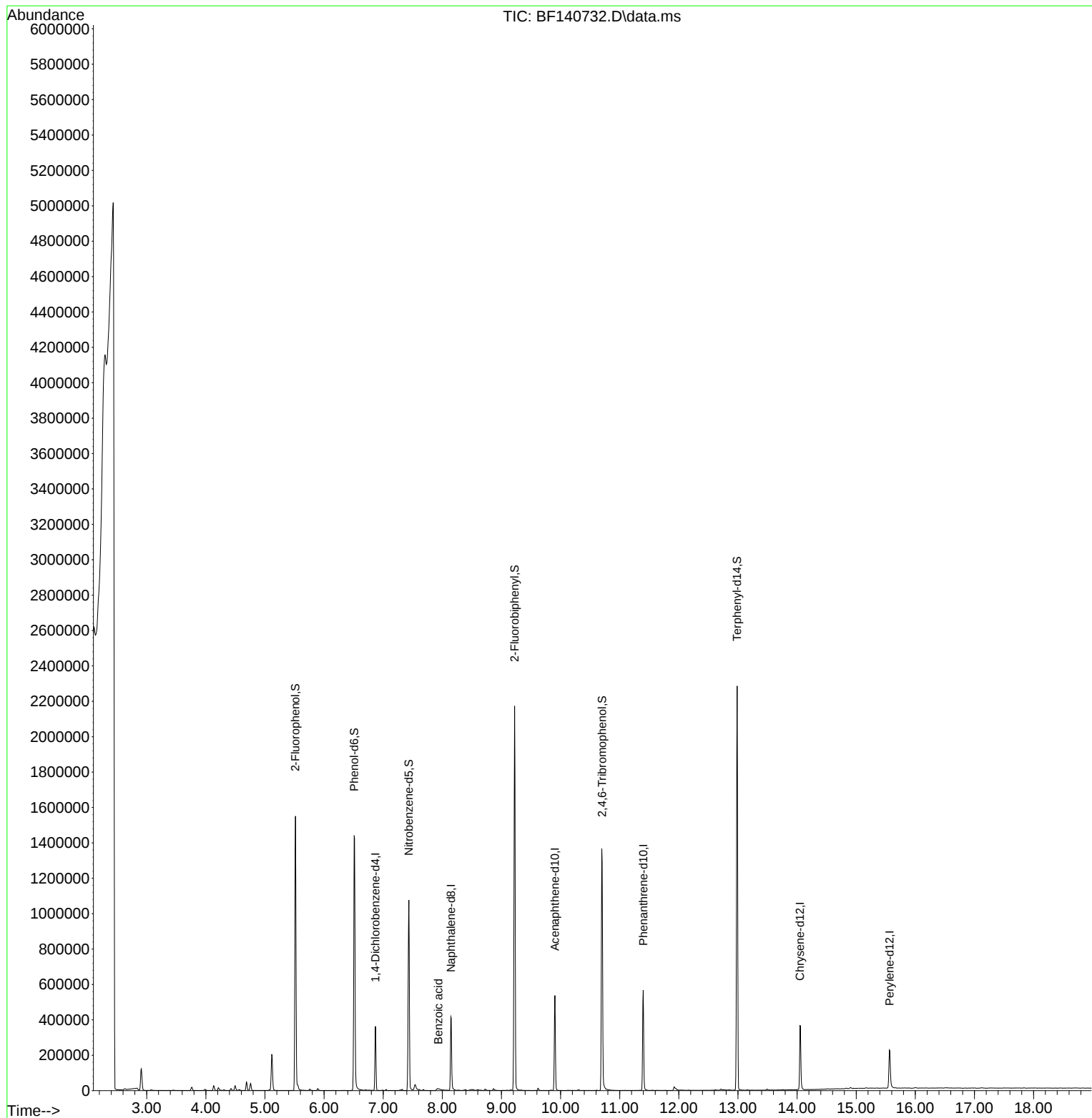
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	75092	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	286753	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	164360	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	320055	20.000	ng	0.00
76) Chrysene-d12	14.051	240	196521	20.000	ng	0.00
86) Perylene-d12	15.562	264	153659	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	596374	135.506	ng	0.02
7) Phenol-d6	6.510	99	744440	127.947	ng	0.00
23) Nitrobenzene-d5	7.434	82	508097	90.633	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	258602	147.113	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	981748	88.997	ng	-0.01
79) Terphenyl-d14	12.986	244	1144252	90.665	ng	0.00
Target Compounds						
32) Benzoic acid	7.934	122	10366	10.488	ng	Qvalue 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140732.D
Acq On : 04 Dec 2024 17:46
Operator : RC/JU
Sample : P5052-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

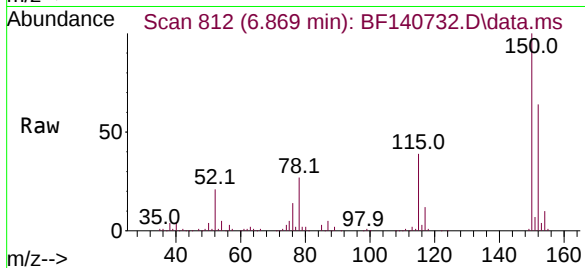
Quant Time: Dec 05 00:14:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



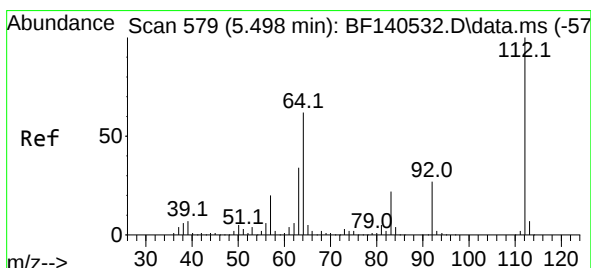
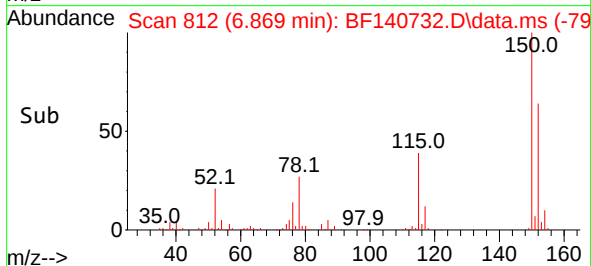
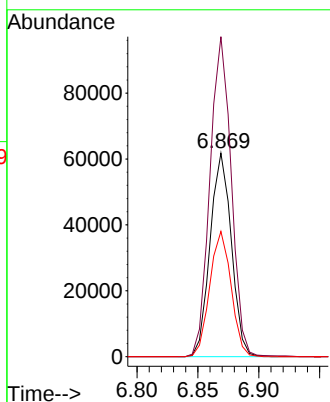


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

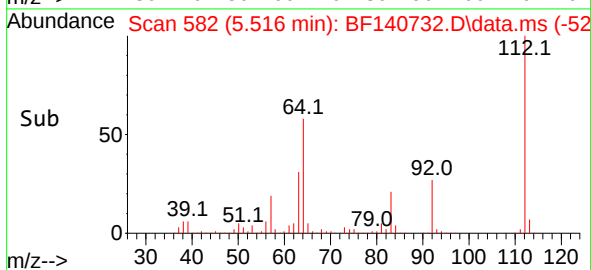
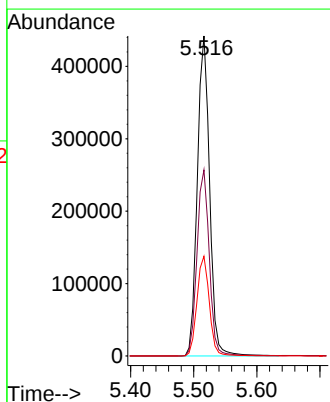
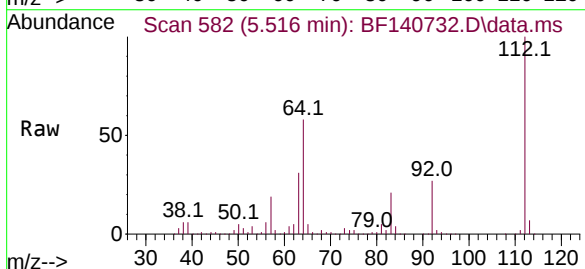


Tgt Ion:152 Resp: 75092
Ion Ratio Lower Upper
152 100
150 157.2 128.5 192.7
115 61.6 50.2 75.4



#5
2-Fluorophenol
Concen: 135.506 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

Tgt Ion:112 Resp: 596374
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.2 27.0 40.4

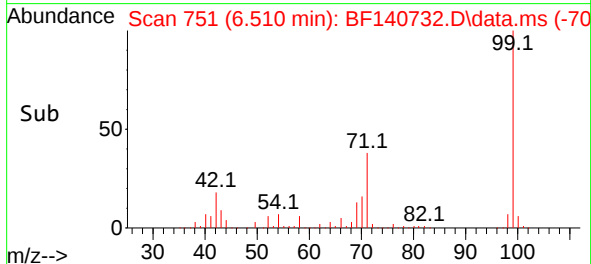
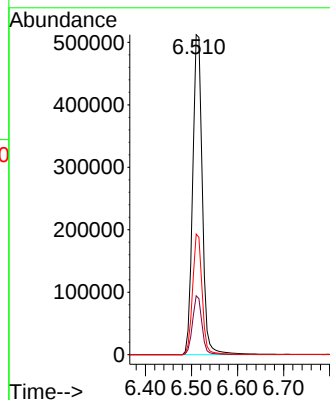
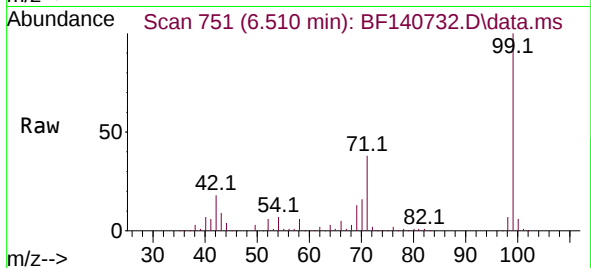




#7
Phenol-d6
Concen: 127.947 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

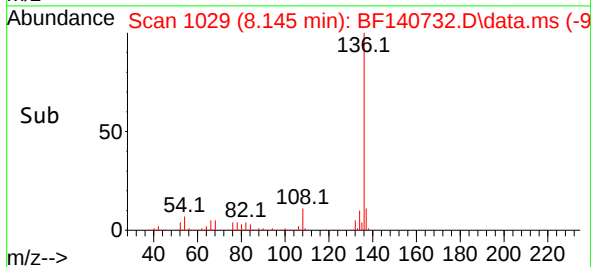
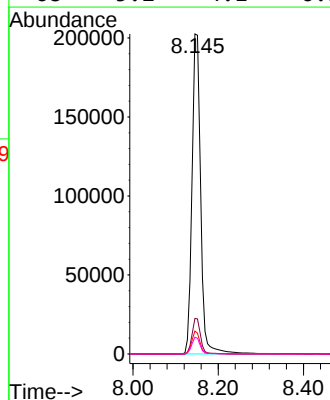
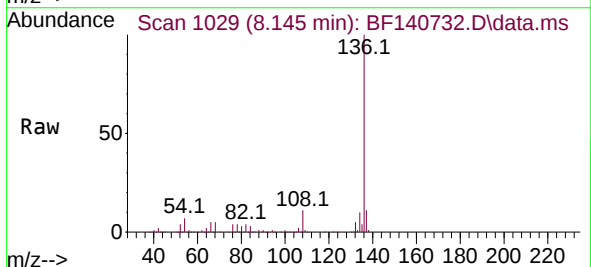
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

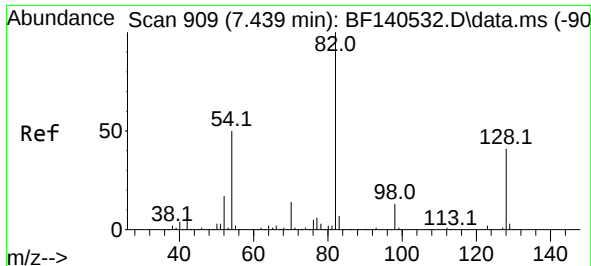
Tgt Ion: 99 Resp: 744440
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

Tgt Ion: 136 Resp: 286753
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.1 5.8 8.8
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 90.633 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140732.D

Acq: 04 Dec 2024 17:46

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-62

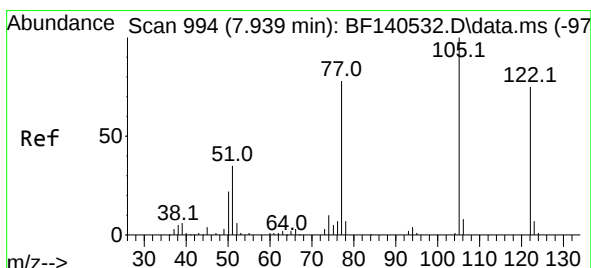
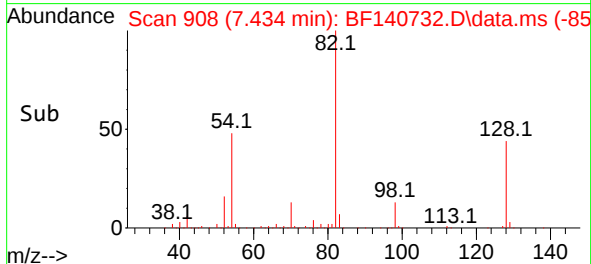
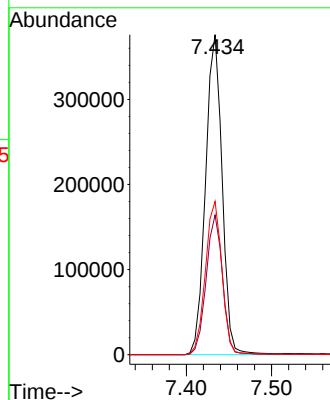
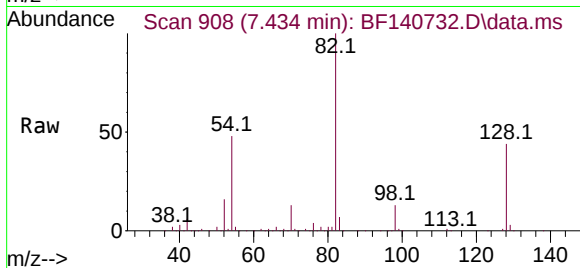
Tgt Ion: 82 Resp: 508097

Ion Ratio Lower Upper

82 100

128 43.7 33.0 49.4

54 47.9 39.5 59.3



#32

Benzoic acid

Concen: 10.488 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.005 min

Lab File: BF140732.D

Acq: 04 Dec 2024 17:46

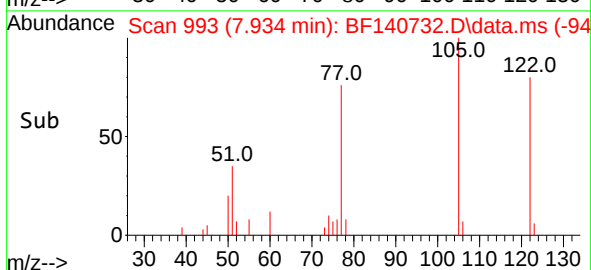
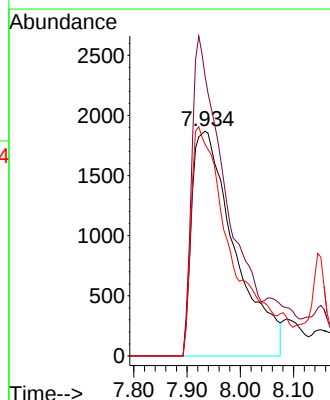
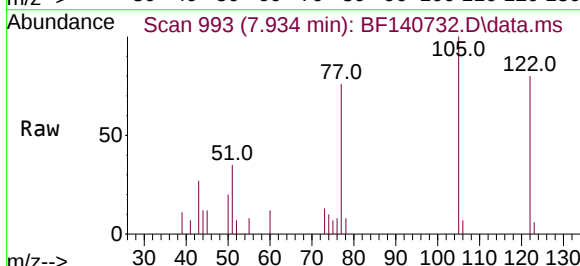
Tgt Ion: 122 Resp: 10366

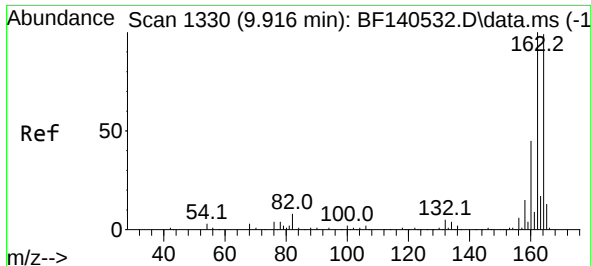
Ion Ratio Lower Upper

122 100

105 124.7 109.3 149.3

77 94.2 82.3 122.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140732.D

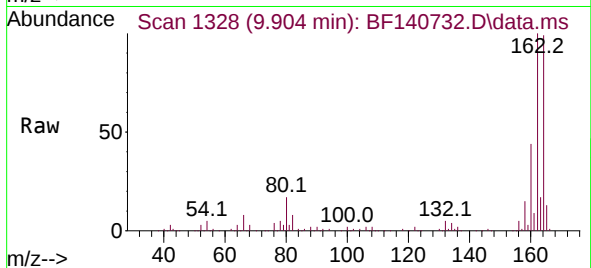
Acq: 04 Dec 2024 17:46

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-62



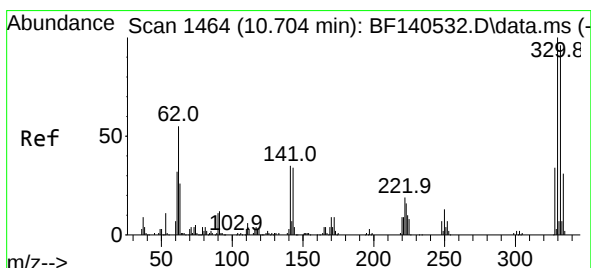
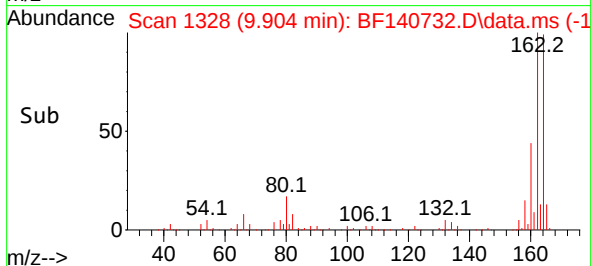
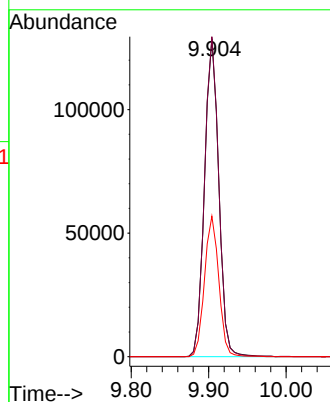
Tgt Ion:164 Resp: 164360

Ion Ratio Lower Upper

164 100

162 100.6 80.6 120.8

160 44.1 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 147.113 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140732.D

Acq: 04 Dec 2024 17:46

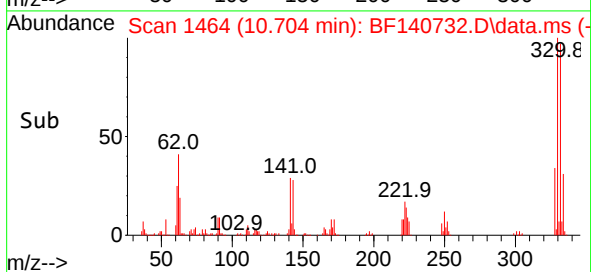
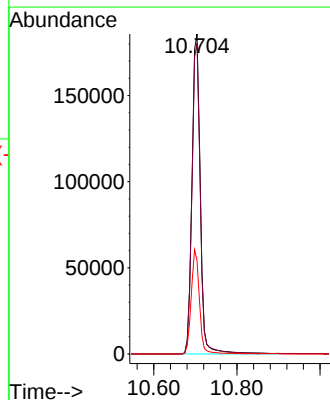
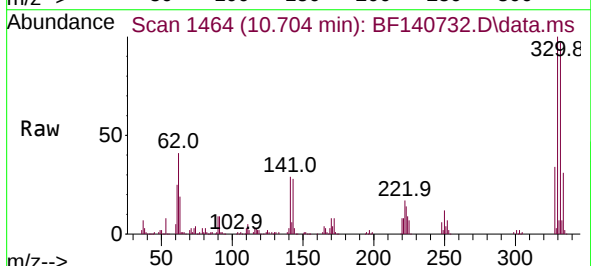
Tgt Ion:330 Resp: 258602

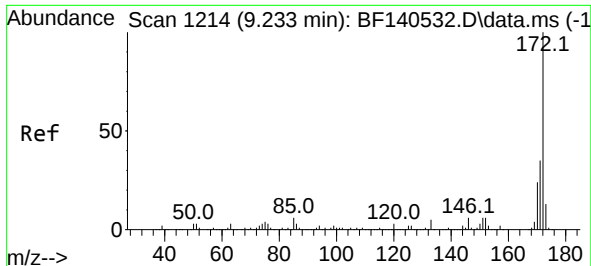
Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 32.3 26.7 40.1

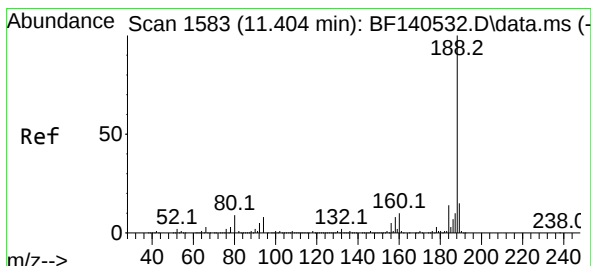
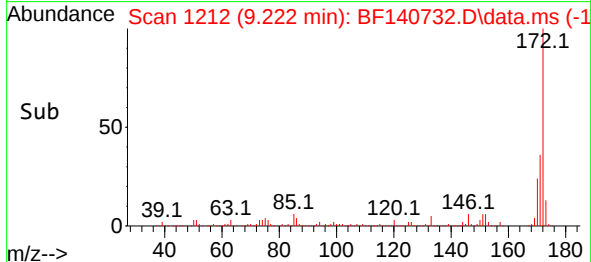
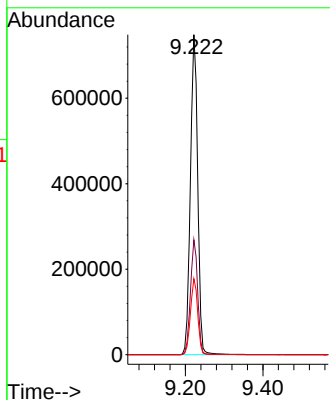
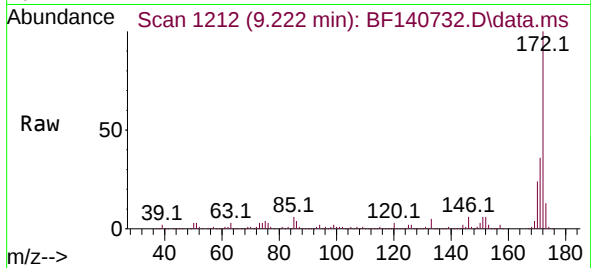




#45
2-Fluorobiphenyl
Concen: 88.997 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

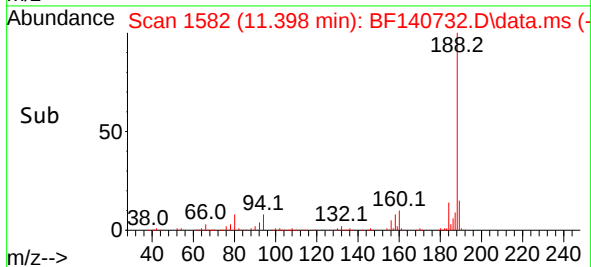
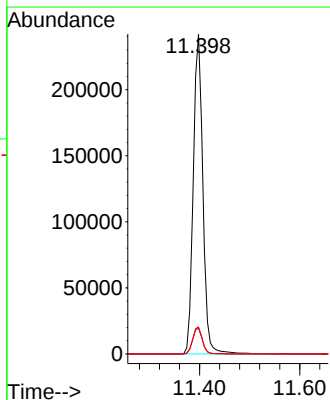
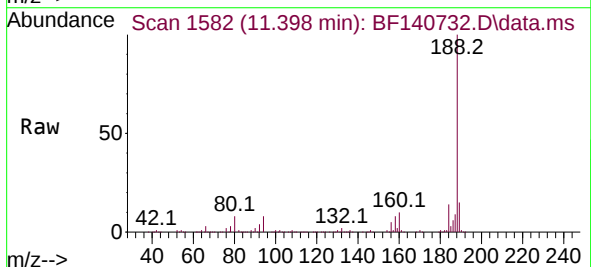
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

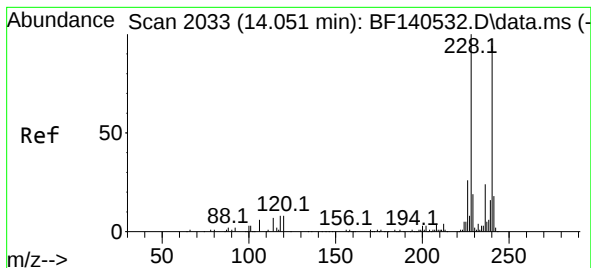
Tgt Ion:172 Resp: 981748
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.7 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

Tgt Ion:188 Resp: 320055
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.4 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140732.D

Acq: 04 Dec 2024 17:46

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-62

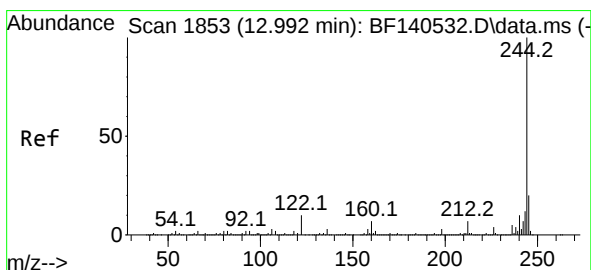
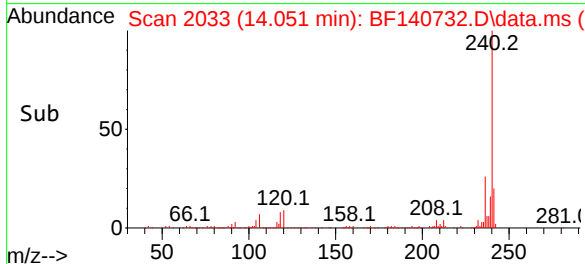
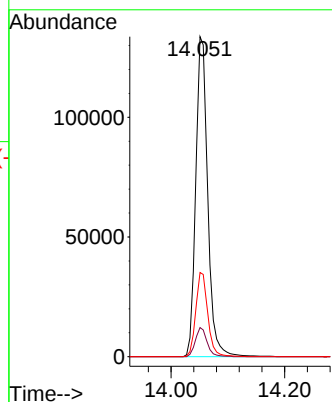
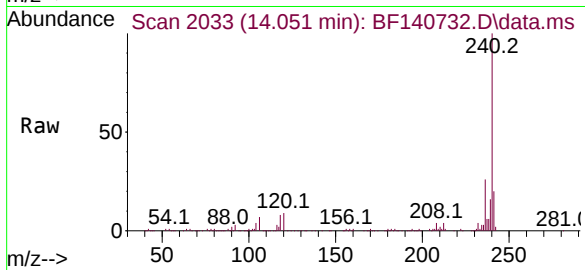
Tgt Ion:240 Resp: 196521

Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 26.3 20.6 31.0



#79

Terphenyl-d14

Concen: 90.665 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140732.D

Acq: 04 Dec 2024 17:46

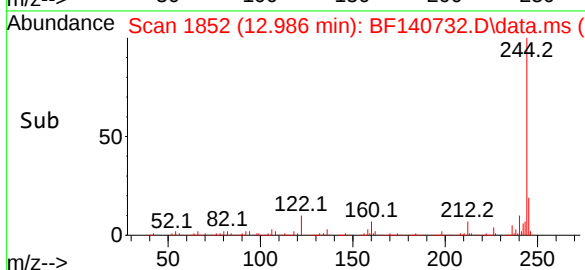
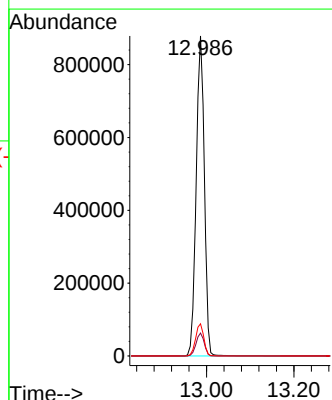
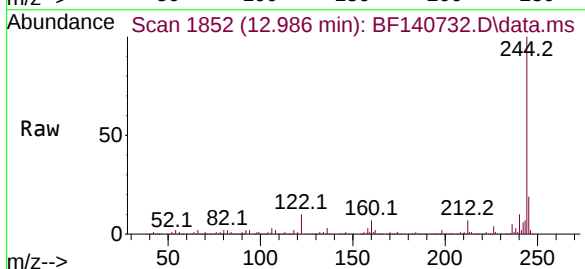
Tgt Ion:244 Resp: 1144252

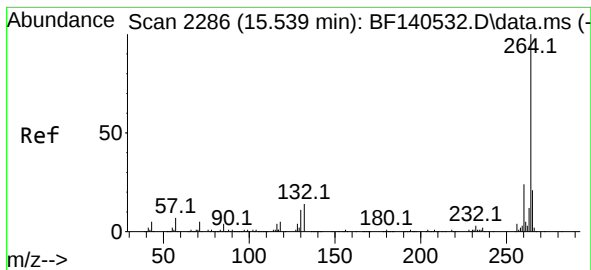
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.0 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140732.D

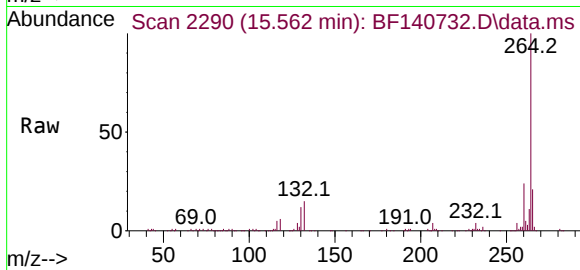
Acq: 04 Dec 2024 17:46

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-62



Tgt Ion:264 Resp: 153659

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.4 16.6 25.0

