

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140963.D
Acq On : 23 Dec 2024 11:49
Operator : RC/JU
Sample : P5355-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251688

Quant Time: Dec 23 12:38:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	63840	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	241820	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	144169	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	276829	20.000	ng	0.00
76) Chrysene-d12	14.027	240	246406	20.000	ng	0.00
86) Perylene-d12	15.533	264	188298	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	492635	127.031	ng	0.02
7) Phenol-d6	6.504	99	568908	110.757	ng	0.00
23) Nitrobenzene-d5	7.416	82	448026	92.694	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	253790	148.841	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	929298	88.621	ng	0.00
79) Terphenyl-d14	12.957	244	1237351	79.184	ng	0.00

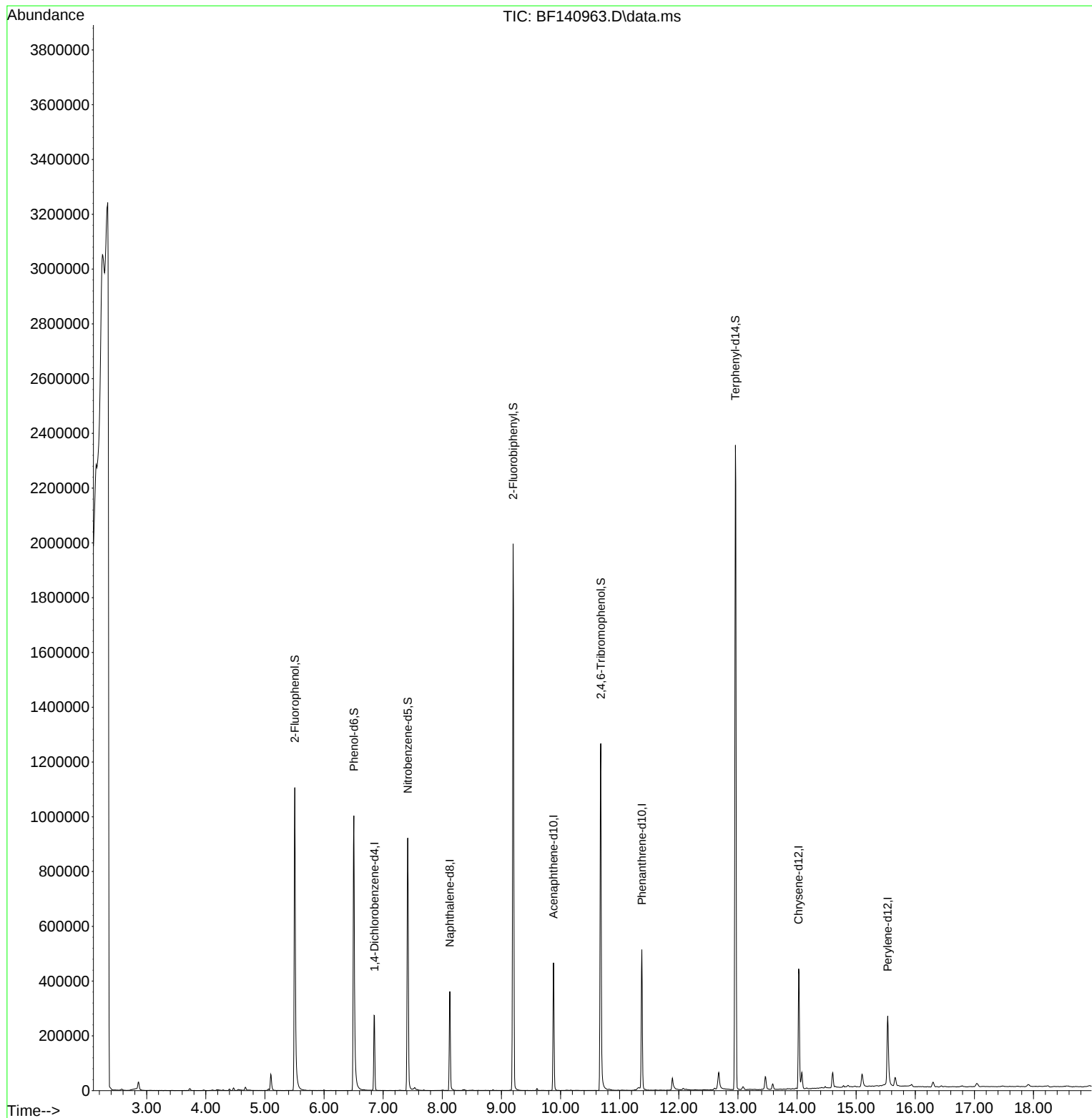
Target Compounds	Qvalue

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

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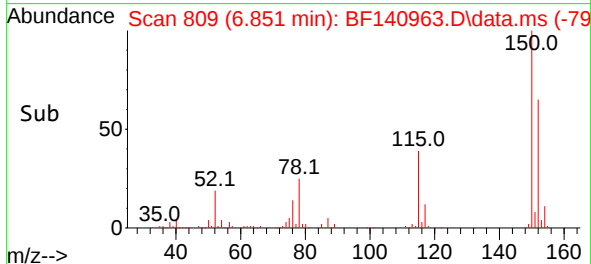
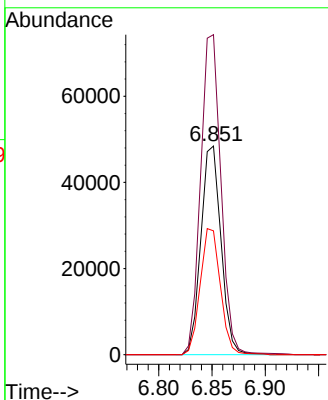
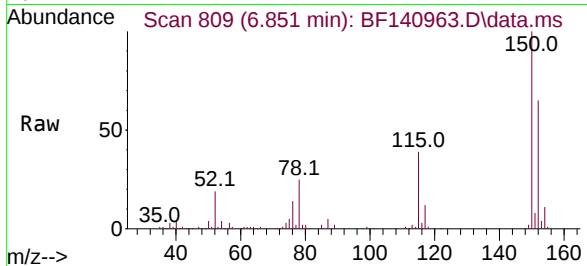




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140963.D
Acq: 23 Dec 2024 11:49

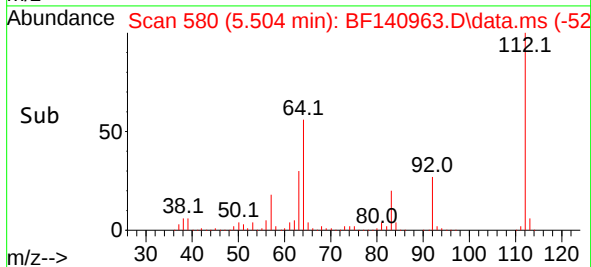
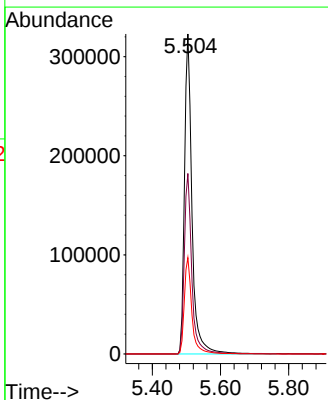
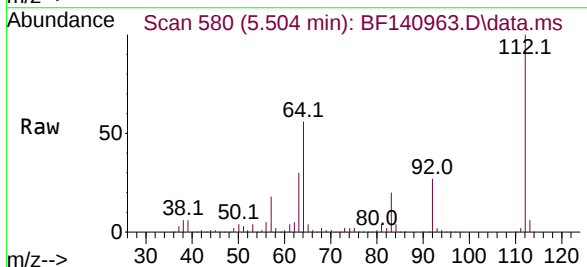
Instrument :
BNA_F
ClientSampleId :
RBR251688

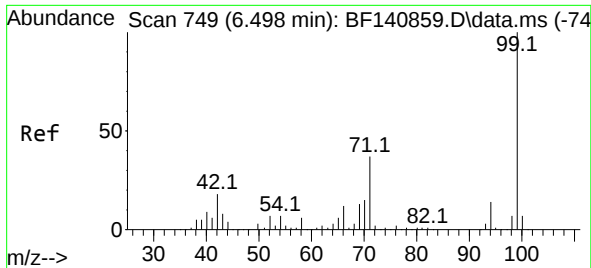
Tgt Ion:152 Resp: 63840
Ion Ratio Lower Upper
152 100
150 153.4 127.9 191.9
115 59.3 48.0 72.0



#5
2-Fluorophenol
Concen: 127.031 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF140963.D
Acq: 23 Dec 2024 11:49

Tgt Ion:112 Resp: 492635
Ion Ratio Lower Upper
112 100
64 56.4 46.1 69.1
63 30.1 24.9 37.3

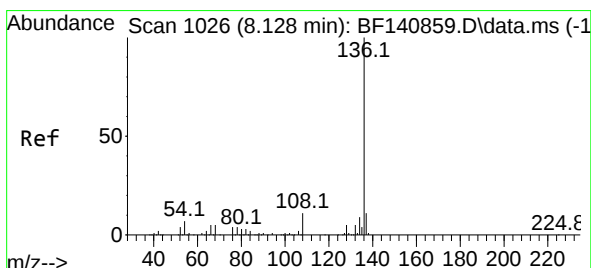
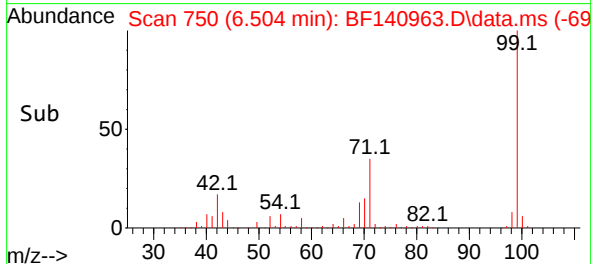
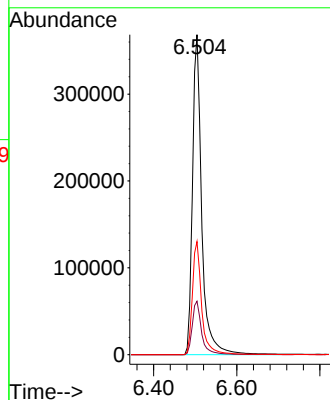
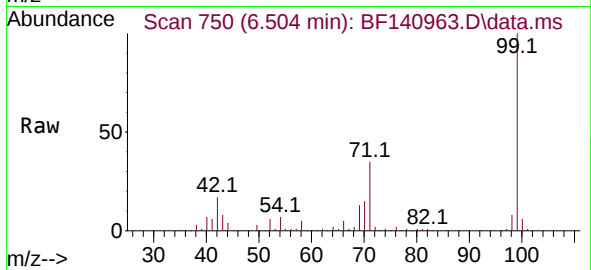




#7
Phenol-d6
Concen: 110.757 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140963.D
Acq: 23 Dec 2024 11:49

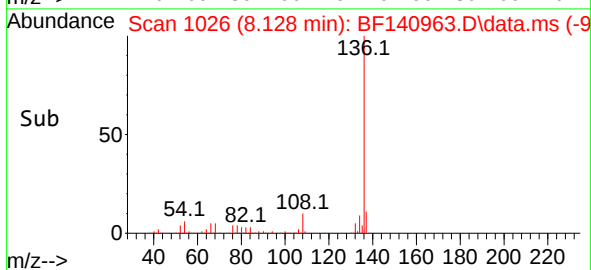
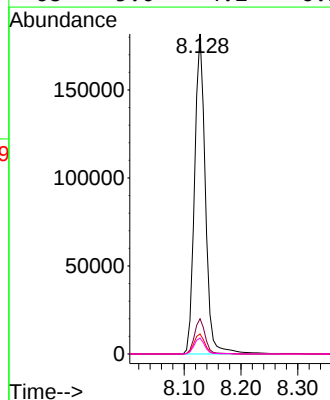
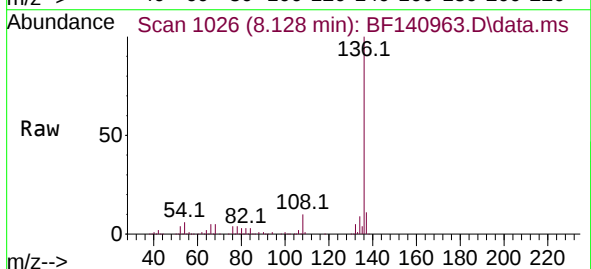
Instrument :
BNA_F
ClientSampleId :
RBR251688

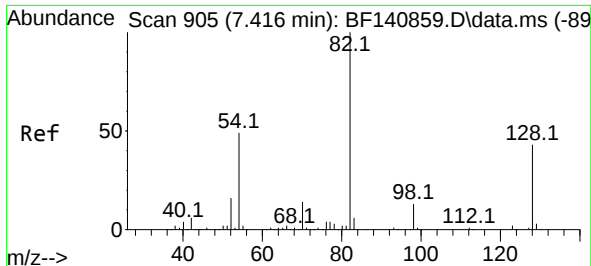
Tgt Ion: 99 Resp: 568908
Ion Ratio Lower Upper
99 100
42 16.7 14.3 21.5
71 35.4 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140963.D
Acq: 23 Dec 2024 11:49

Tgt Ion: 136 Resp: 241820
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.3 5.6 8.4
68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 92.694 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

Instrument :

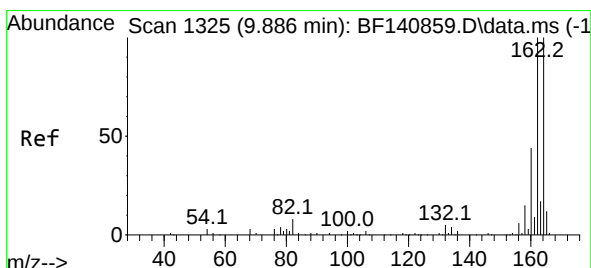
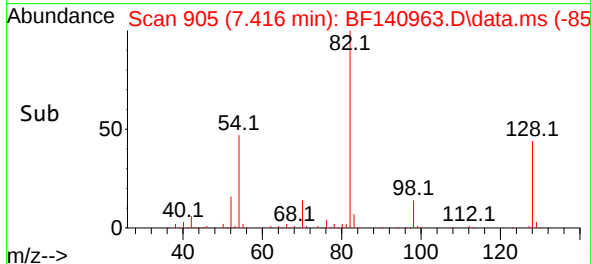
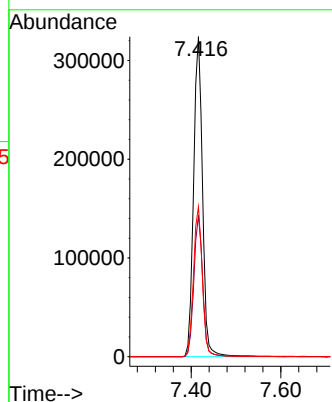
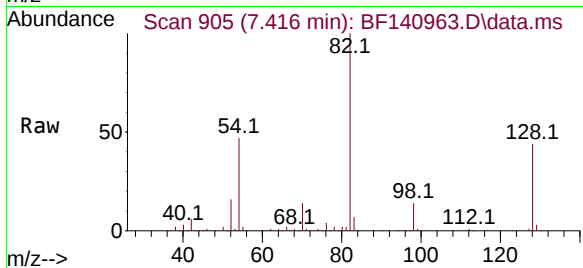
BNA_F

ClientSampleId :

RBR251688

Tgt Ion: 82 Resp: 448026

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.4	51.6
54	46.8	38.8	58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1324

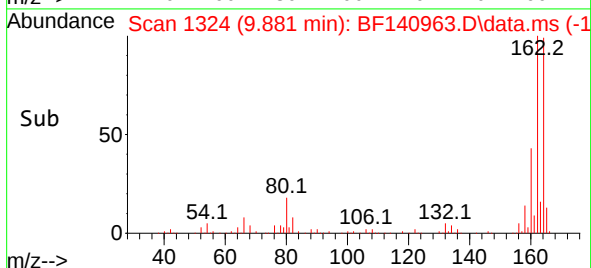
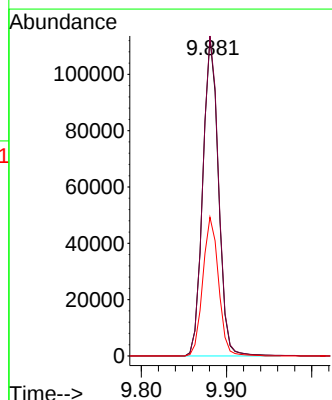
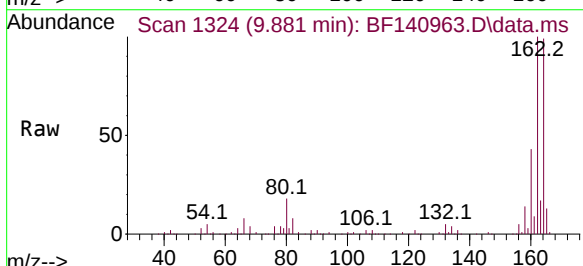
Delta R.T. -0.006 min

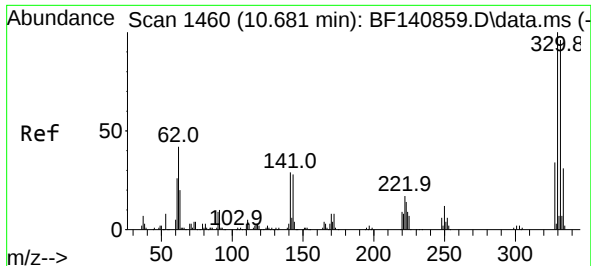
Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

Tgt Ion: 164 Resp: 144169

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.9	119.9
160	43.6	35.2	52.8





#42

2,4,6-Tribromophenol

Concen: 148.841 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RBR251688

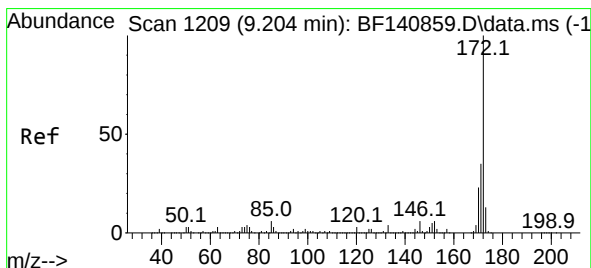
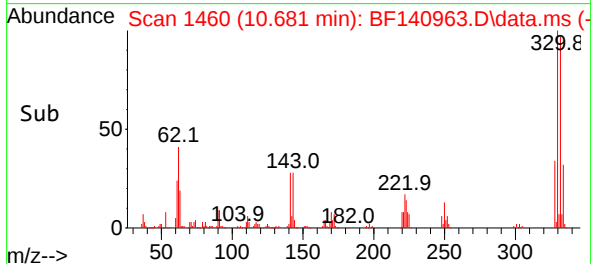
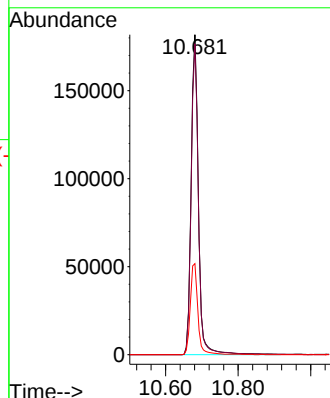
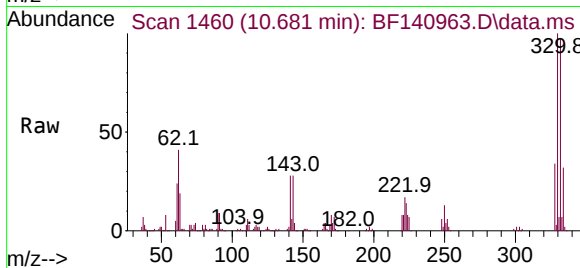
Tgt Ion:330 Resp: 253790

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 29.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 88.621 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140963.D

Acq: 23 Dec 2024 11:49

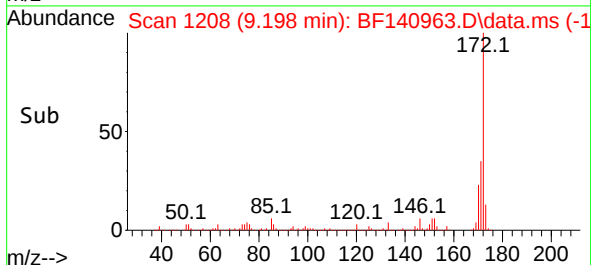
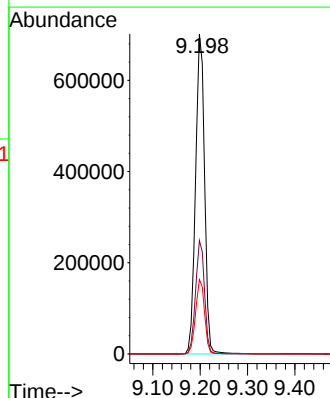
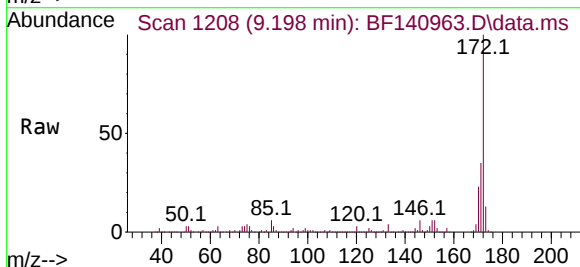
Tgt Ion:172 Resp: 929298

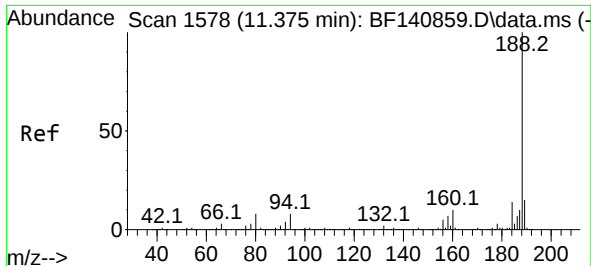
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.3 18.6 28.0

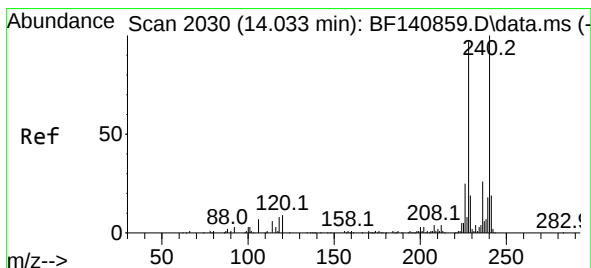
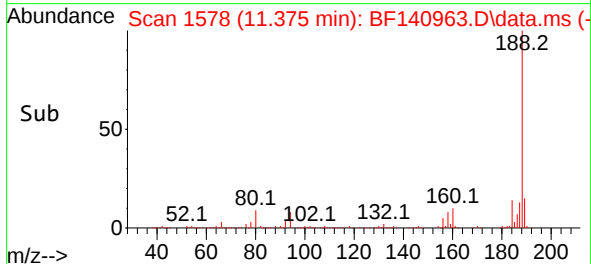
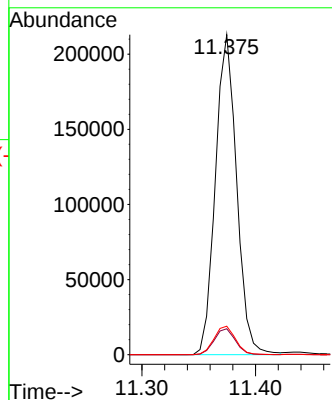
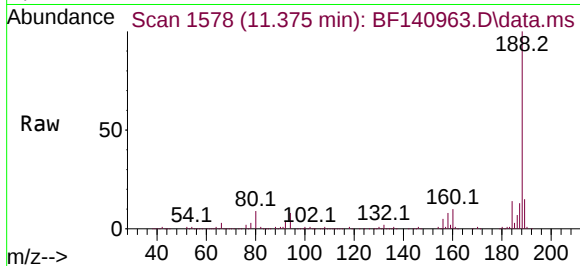




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140963.D
Acq: 23 Dec 2024 11:49

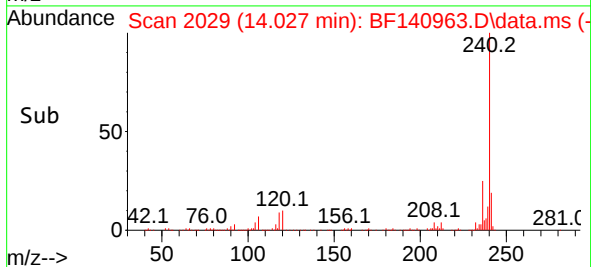
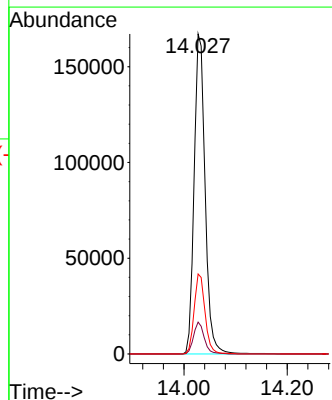
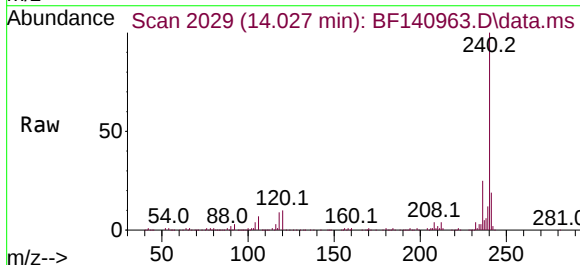
Instrument :
BNA_F
ClientSampleId :
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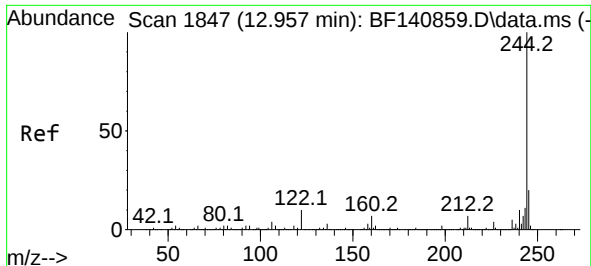
Tgt Ion:188 Resp: 276829
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140963.D
Acq: 23 Dec 2024 11:49

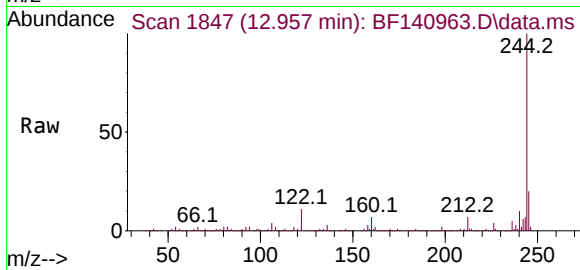
Tgt Ion:240 Resp: 246406
Ion Ratio Lower Upper
240 100
120 10.0 7.6 11.4
236 25.0 20.5 30.7





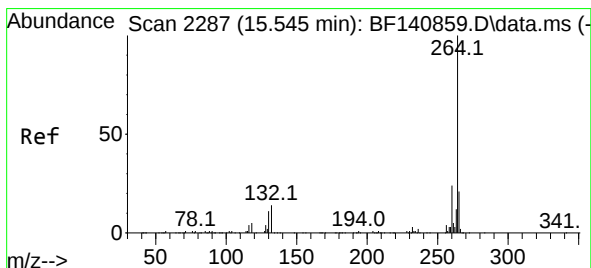
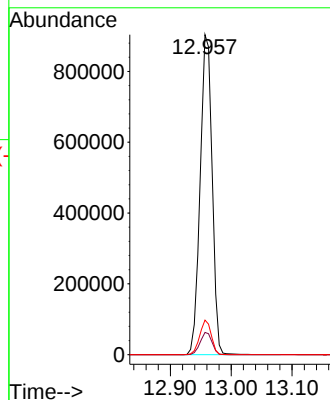
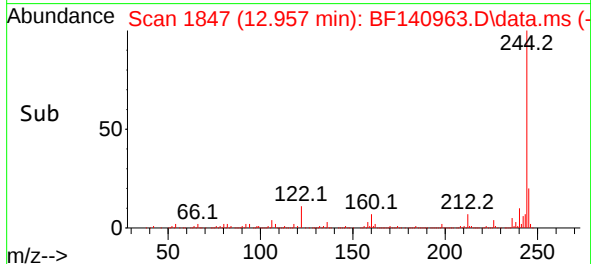
#79
 Terphenyl-d14
 Concen: 79.184 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140963.D
 Acq: 23 Dec 2024 11:49

Instrument :
 BNA_F
 ClientSampleId :
 RBR251688

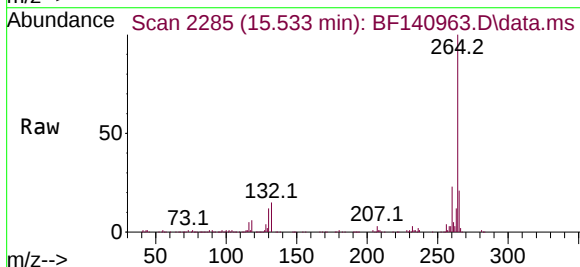


Tgt Ion:244 Resp: 1237351

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.8	8.2	12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.012 min
 Lab File: BF140963.D
 Acq: 23 Dec 2024 11:49



Tgt Ion:264 Resp: 188298

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.4	17.0	25.4

