

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140789.D
Acq On : 09 Dec 2024 14:58
Operator : RC/JU
Sample : PB165390TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165390TB

Quant Time: Dec 09 16:21:52 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	6.863	152	81916	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	312242	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	173398	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	343254	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	238978	20.000	ng	0.00
86) Perylene-d12	15.545	264	186251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	716618	149.263	ng	0.01
7) Phenol-d6	6.510	99	930847	146.657	ng	0.00
23) Nitrobenzene-d5	7.428	82	600096	98.305	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	282961	152.580	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1172778	100.772	ng	-0.02
79) Terphenyl-d14	12.980	244	1392656	90.743	ng	-0.01

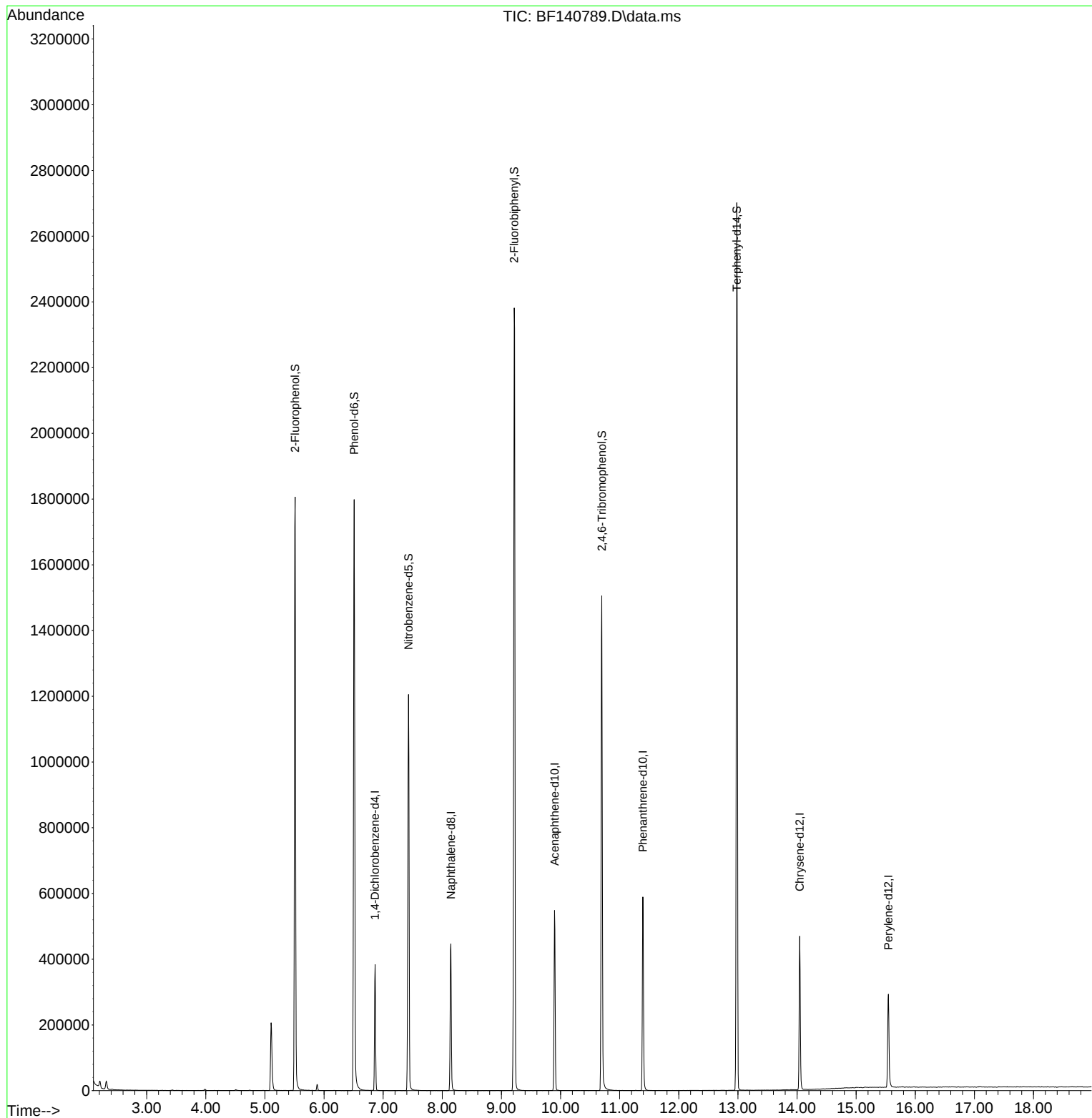
Target Compounds	Qvalue

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

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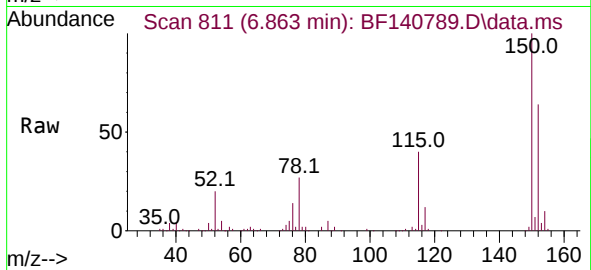
Quant Time: Dec 09 16:21:52 2024
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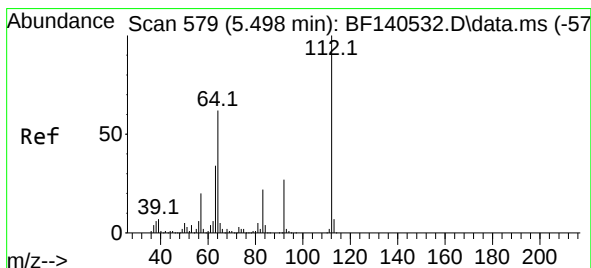
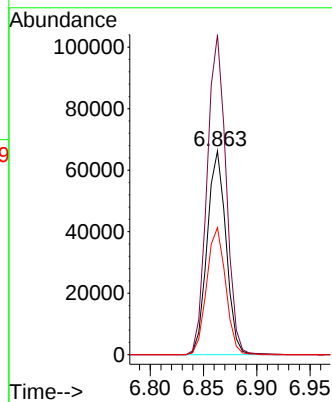
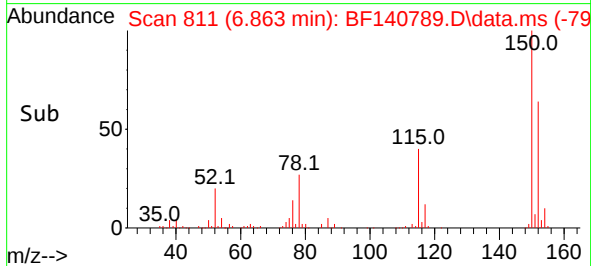


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

Instrument :
BNA_F
ClientSampleId :
PB165390TB

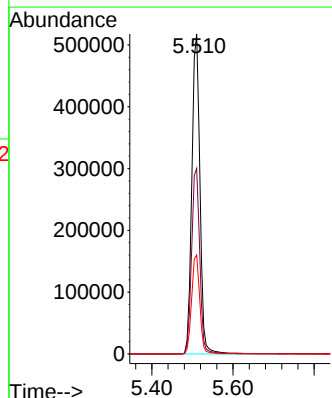
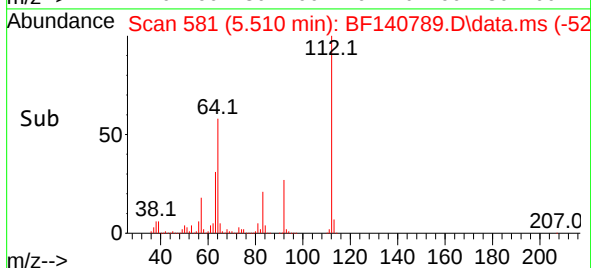
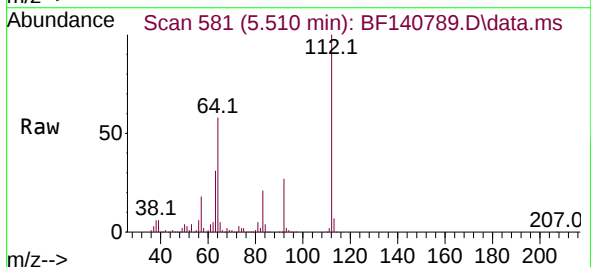


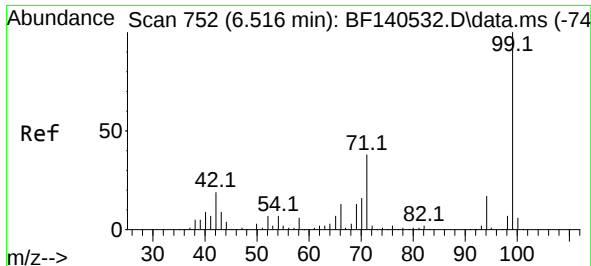
Tgt Ion:152 Resp: 81916
Ion Ratio Lower Upper
152 100
150 157.1 128.5 192.7
115 62.4 50.2 75.4



#5
2-Fluorophenol
Concen: 149.263 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

Tgt Ion:112 Resp: 716618
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 30.9 27.0 40.4

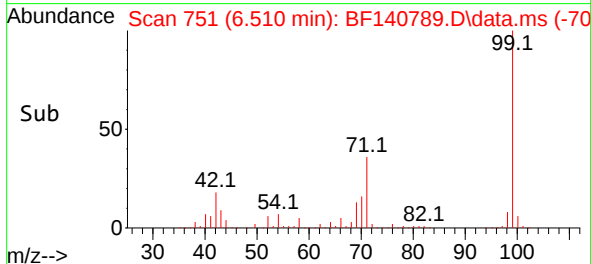
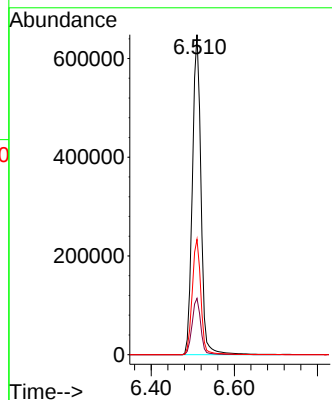
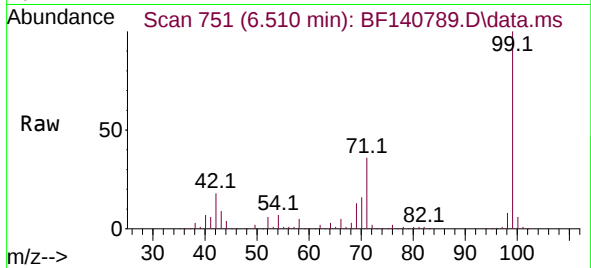




#7
Phenol-d6
Concen: 146.657 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

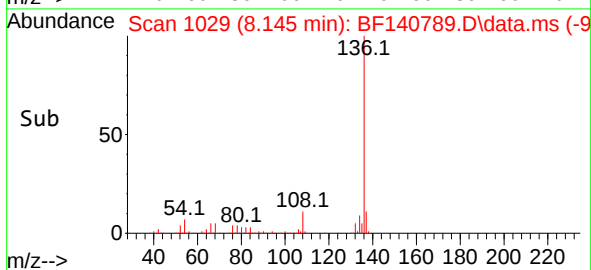
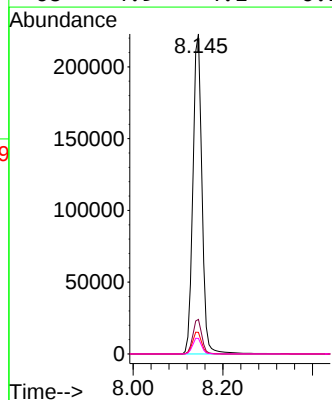
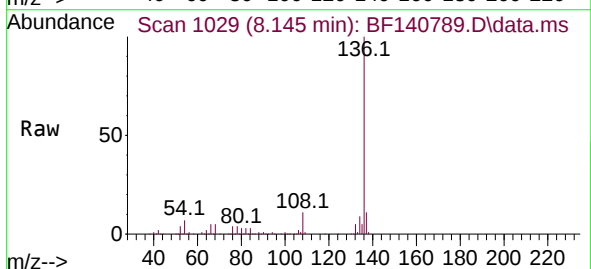
Instrument :
BNA_F
ClientSampleId :
PB165390TB

Tgt Ion: 99 Resp: 930847
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.0 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: BF140789.D
Acq: 09 Dec 2024 14:58

Tgt Ion: 136 Resp: 312242
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 5.8 8.8
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 98.305 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

Instrument :

BNA_F

ClientSampleId :

PB165390TB

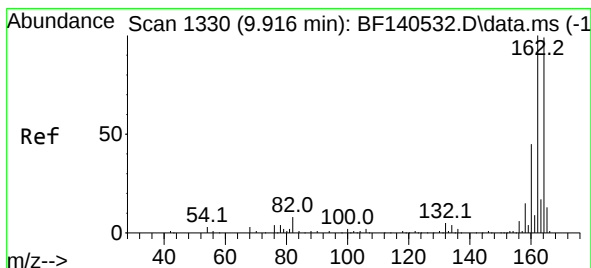
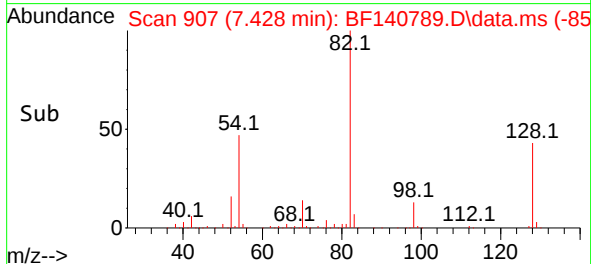
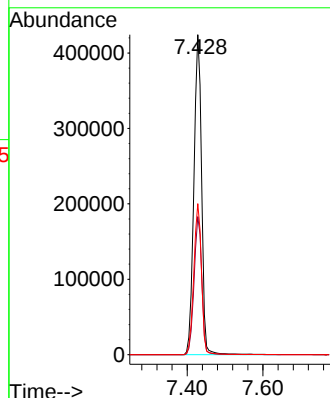
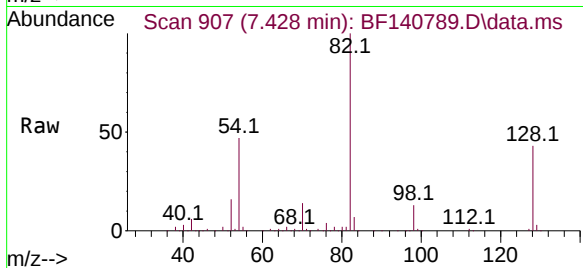
Tgt Ion: 82 Resp: 600096

Ion Ratio Lower Upper

82 100

128 43.2 33.0 49.4

54 47.2 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

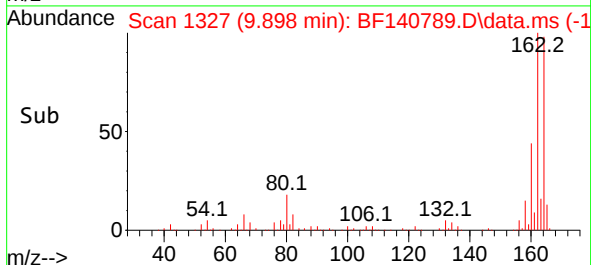
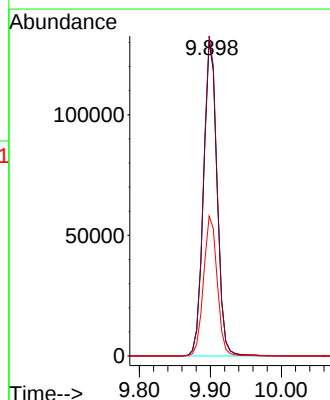
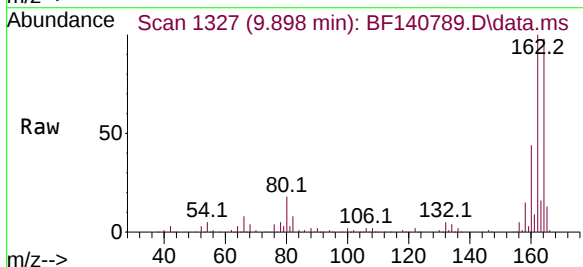
Tgt Ion:164 Resp: 173398

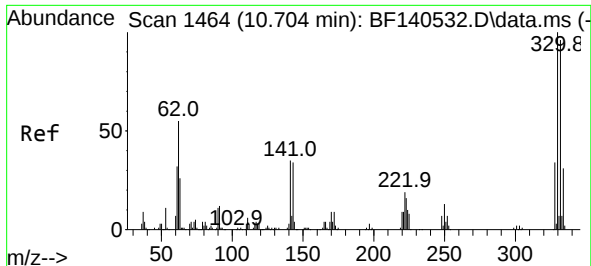
Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 152.580 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140789.D

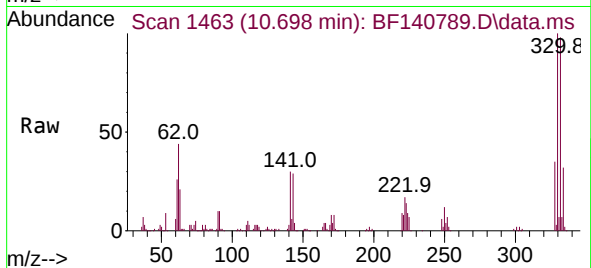
Acq: 09 Dec 2024 14:58

Instrument :

BNA_F

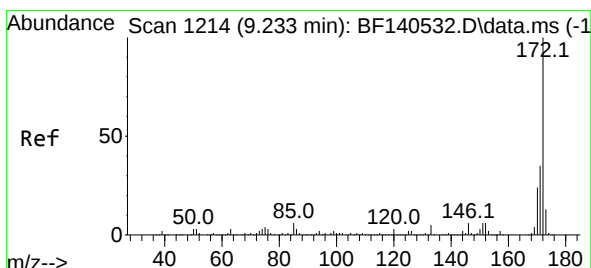
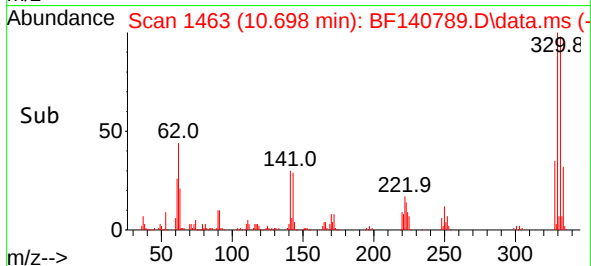
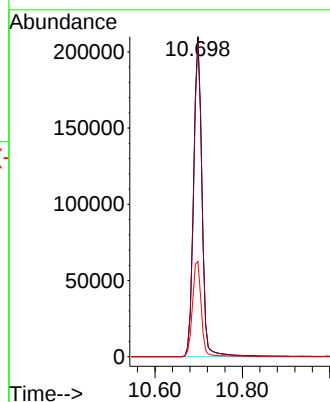
ClientSampleId :

PB165390TB



Tgt Ion:330 Resp: 282961

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.9	115.3
141	31.0	26.7	40.1



#45

2-Fluorobiphenyl

Concen: 100.772 ng

RT: 9.216 min Scan# 1211

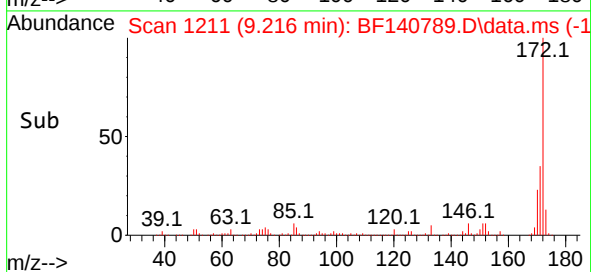
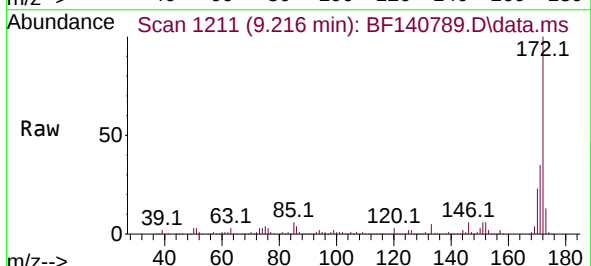
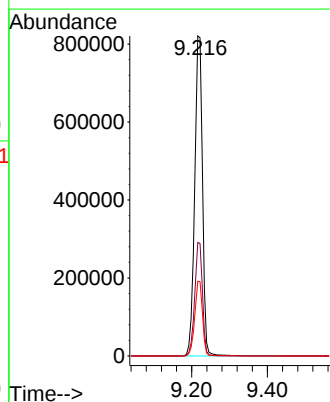
Delta R.T. -0.018 min

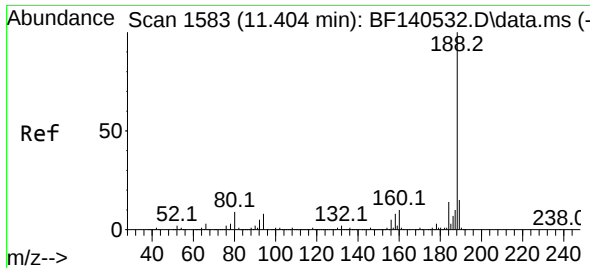
Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

Tgt Ion:172 Resp: 1172778

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.4	19.0	28.6

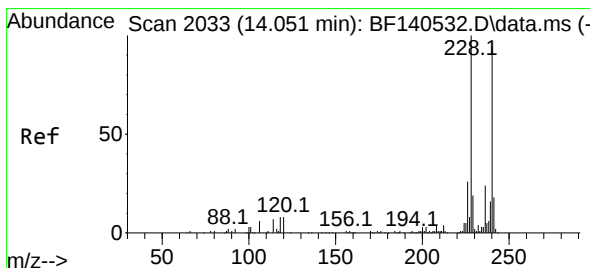
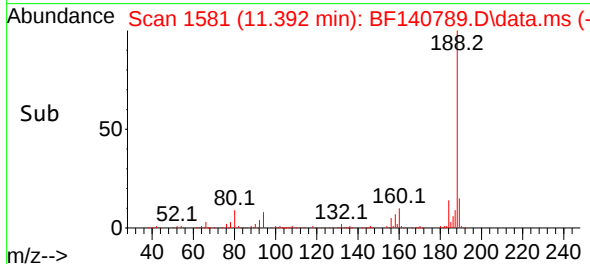
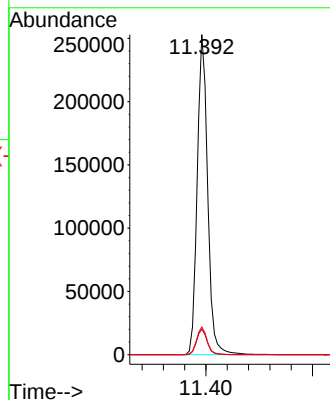
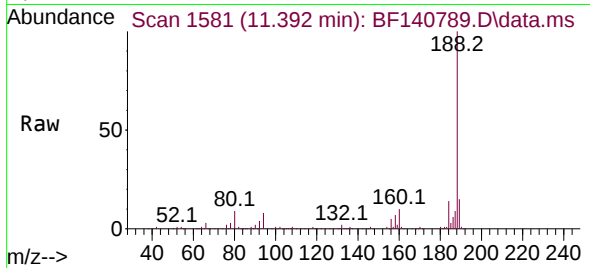




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

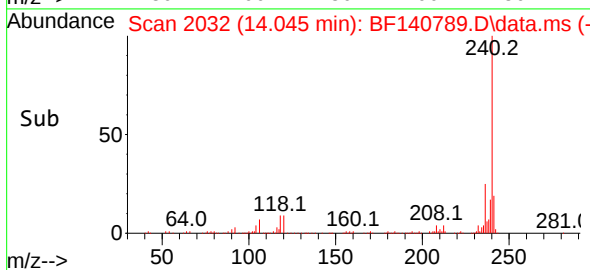
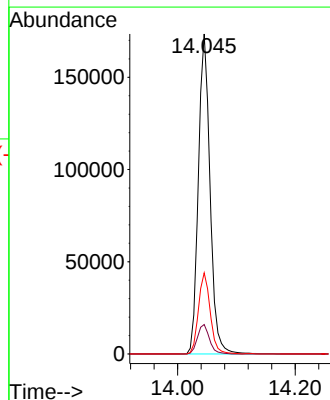
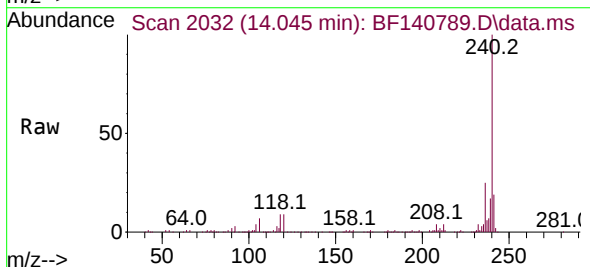
Instrument :
BNA_F
ClientSampleId :
PB165390TB

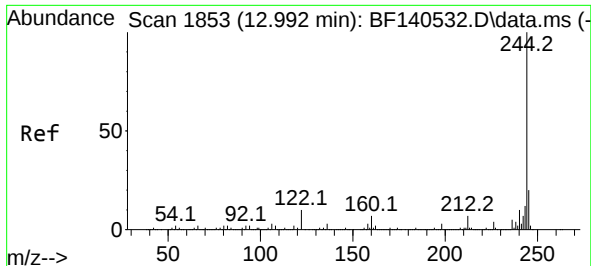
Tgt Ion:188 Resp: 343254
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.7 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

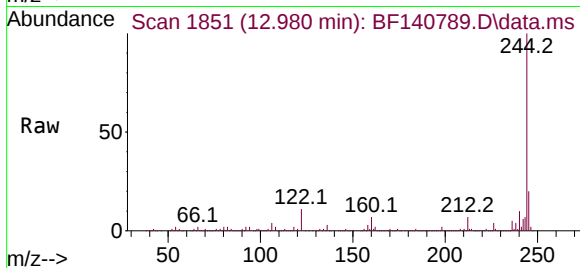
Tgt Ion:240 Resp: 238978
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 25.3 20.6 31.0



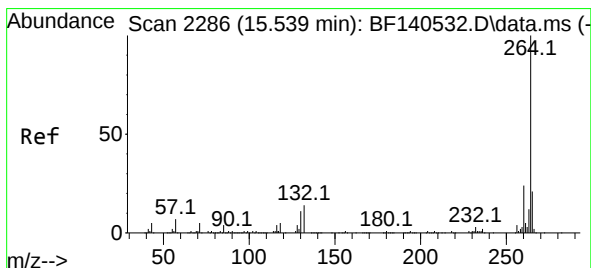
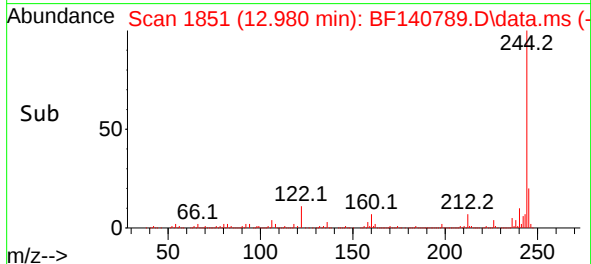
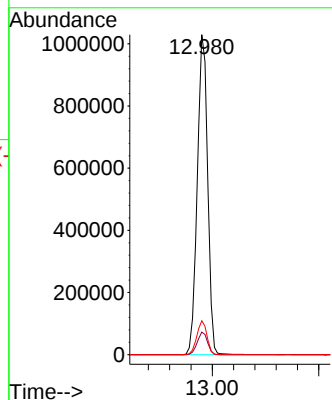


#79
 Terphenyl-d14
 Concen: 90.743 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140789.D
 Acq: 09 Dec 2024 14:58

Instrument :
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Tgt Ion:244 Resp: 1392656
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: BF140789.D
 Acq: 09 Dec 2024 14:58

Tgt Ion:264 Resp: 186251
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.2 16.6 25.0

