

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140921.D
 Acq On : 19 Dec 2024 12:56
 Operator : RC/JU
 Sample : PB165680TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165680TB

Quant Time: Dec 19 13:24:41 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	6.845	152	70295	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	274815	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	153483	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	302044	20.000	ng	0.00
76) Chrysene-d12	14.033	240	232015	20.000	ng	0.00
86) Perylene-d12	15.545	264	162327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	680319	159.319	ng	0.01
7) Phenol-d6	6.498	99	859047	151.885	ng	0.00
23) Nitrobenzene-d5	7.416	82	506966	92.295	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	260661	143.594	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1121570	100.467	ng	0.00
79) Terphenyl-d14	12.963	244	1348505	91.650	ng	0.00

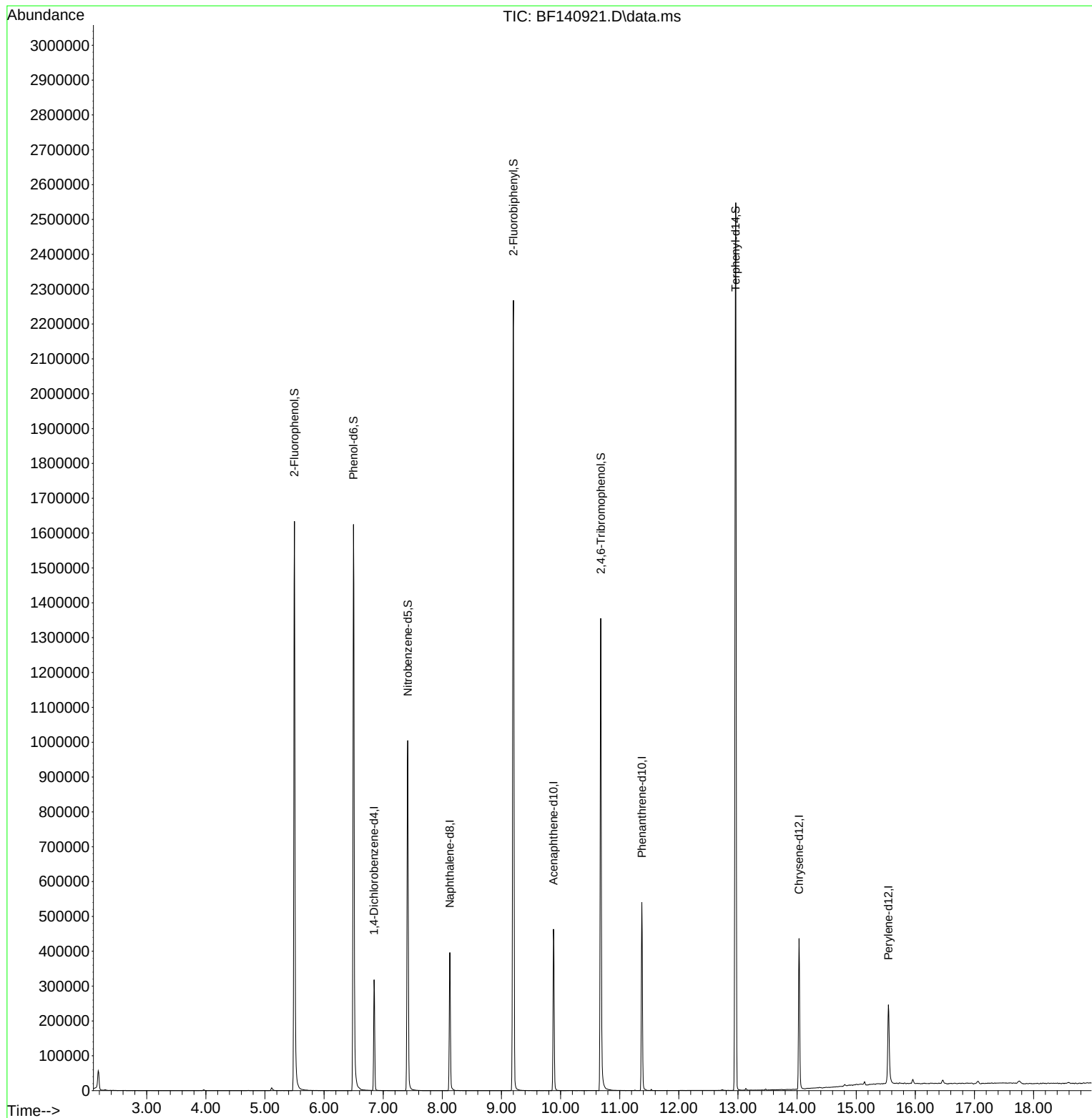
Target Compounds	Qvalue

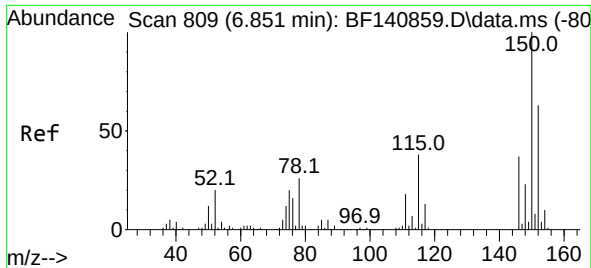
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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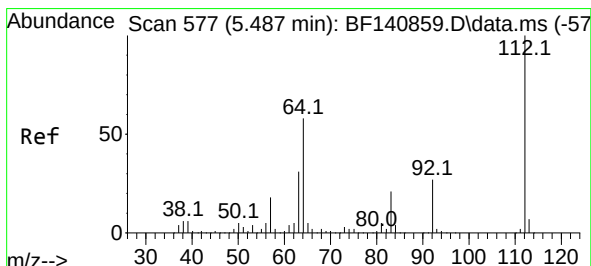
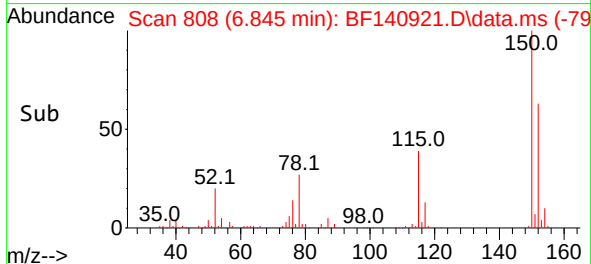
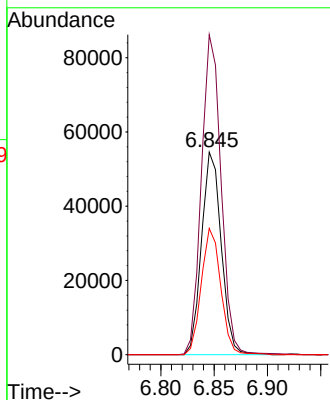
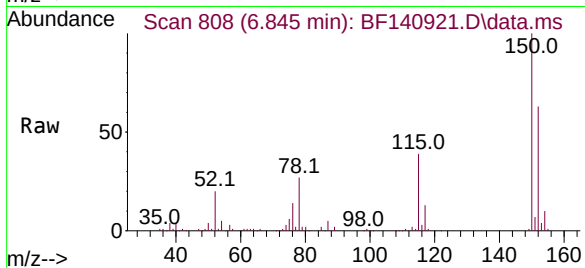




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

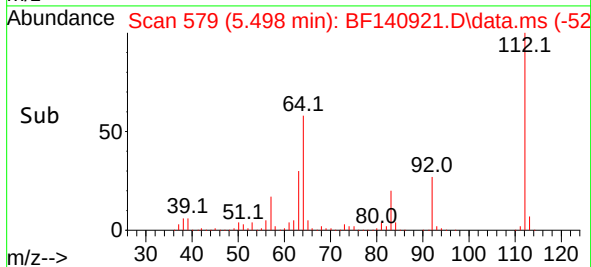
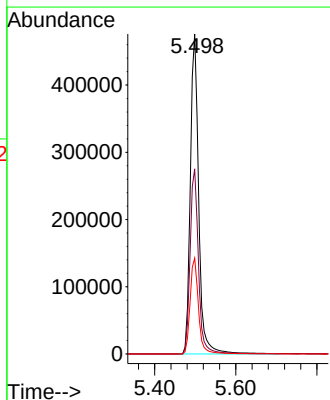
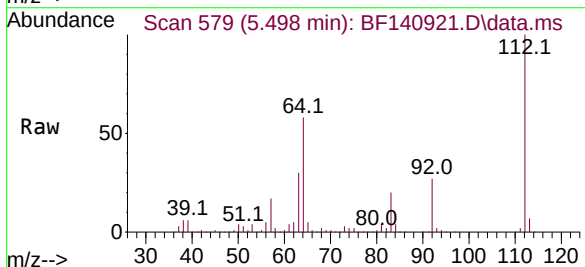
Instrument :
BNA_F
ClientSampleId :
PB165680TB

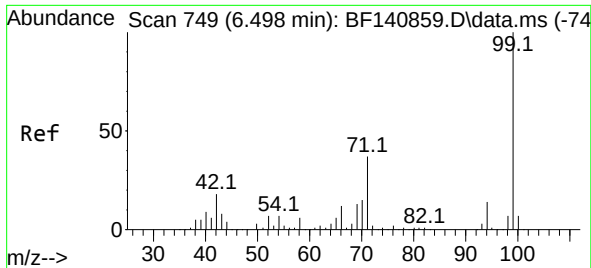
Tgt Ion:152 Resp: 70295
Ion Ratio Lower Upper
152 100
150 158.0 127.9 191.9
115 62.4 48.0 72.0



#5
2-Fluorophenol
Concen: 159.319 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

Tgt Ion:112 Resp: 680319
Ion Ratio Lower Upper
112 100
64 57.9 46.1 69.1
63 30.0 24.9 37.3





#7

Phenol-d6

Concen: 151.885 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

Instrument :

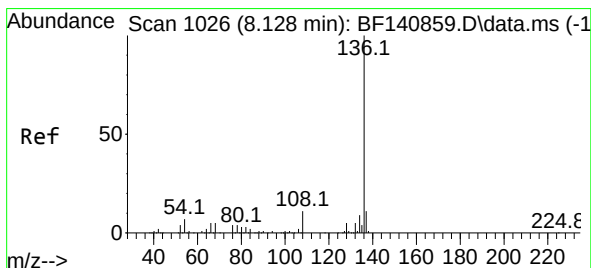
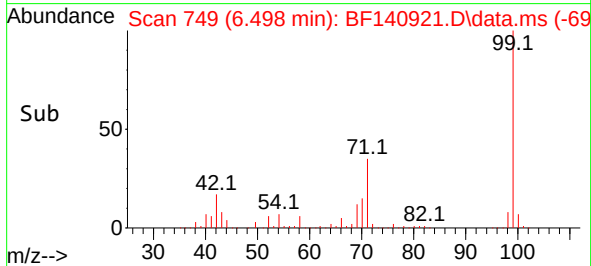
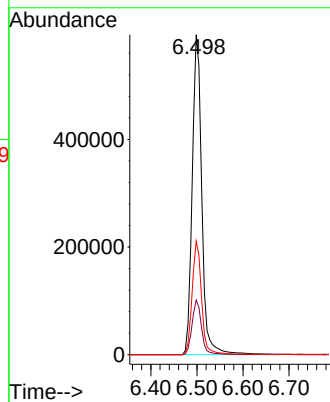
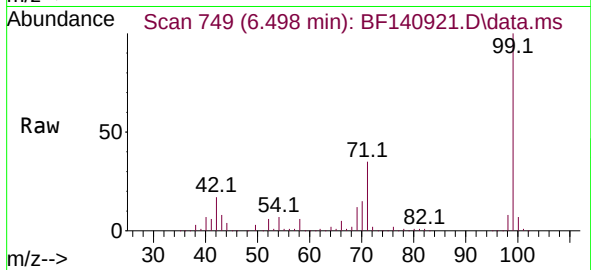
BNA_F

ClientSampleId :

PB165680TB

Tgt Ion: 99 Resp: 859047

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.3	21.5
71	35.5	29.9	44.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

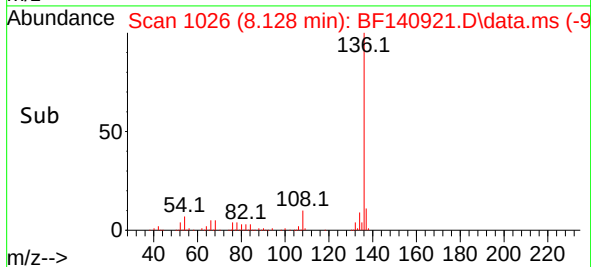
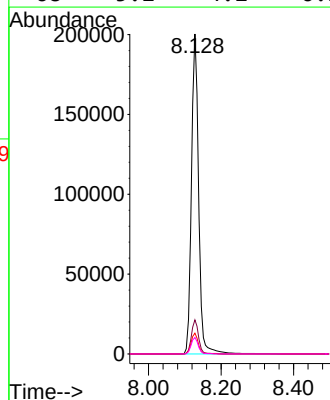
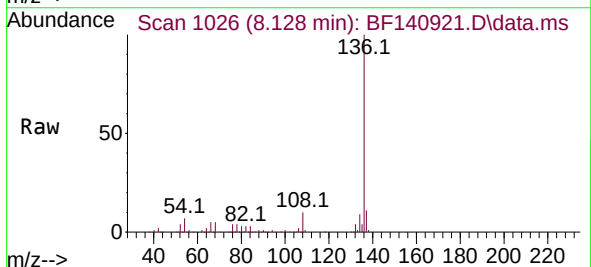
Delta R.T. -0.000 min

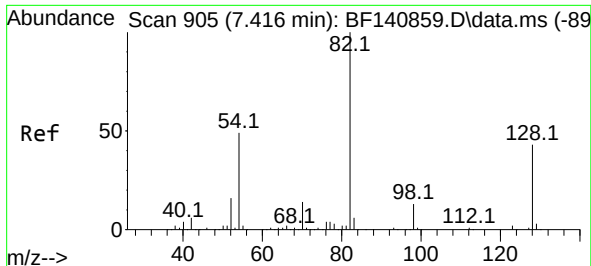
Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

Tgt Ion: 136 Resp: 274815

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.5	5.6	8.4
68	5.2	4.2	6.2

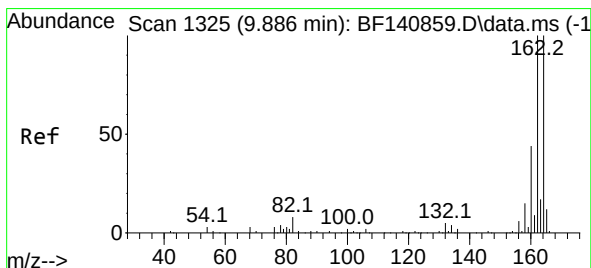
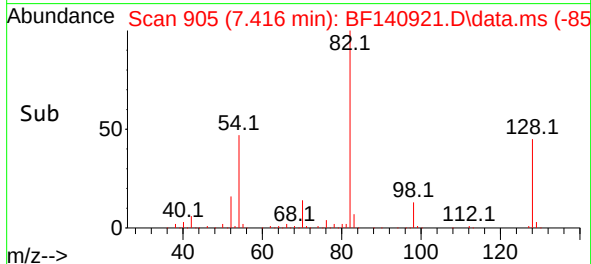
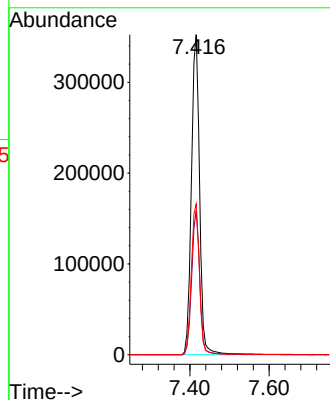
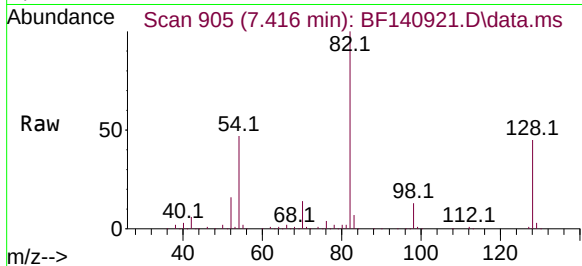




#23
Nitrobenzene-d5
Concen: 92.295 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

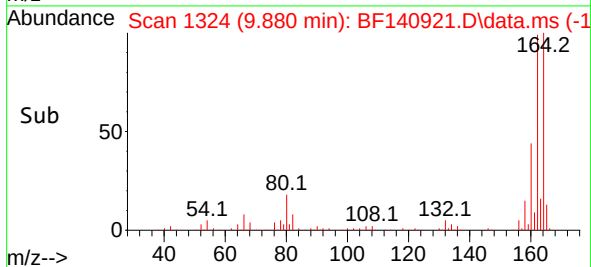
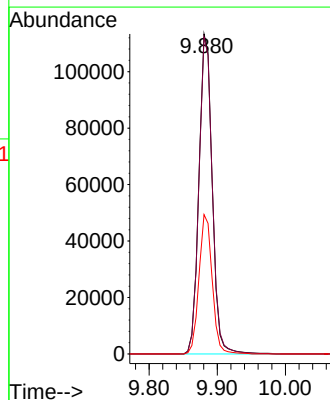
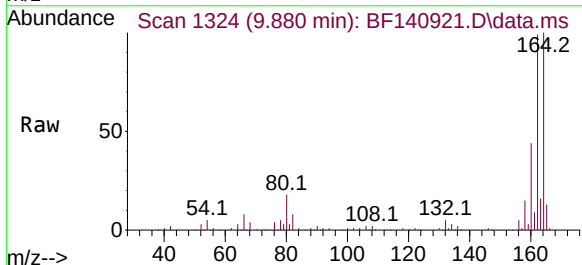
Instrument :
BNA_F
ClientSampleId :
PB165680TB

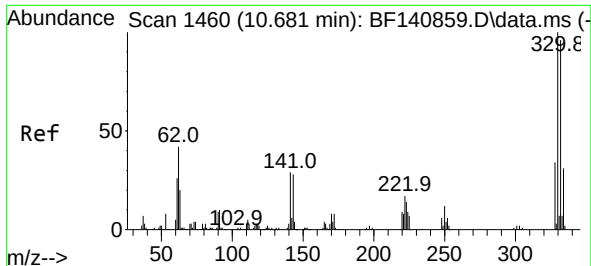
Tgt Ion: 82 Resp: 506966
Ion Ratio Lower Upper
82 100
128 45.1 34.4 51.6
54 47.1 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

Tgt Ion:164 Resp: 153483
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 43.5 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 143.594 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165680TB

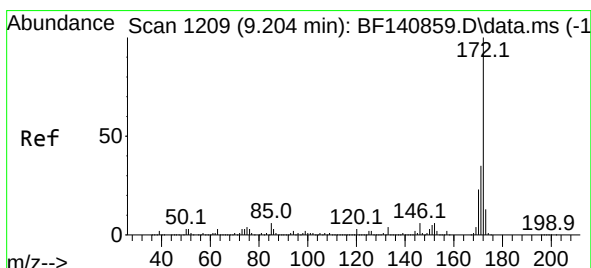
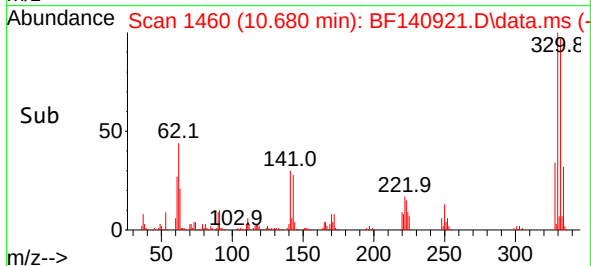
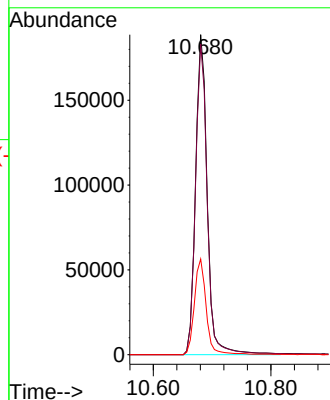
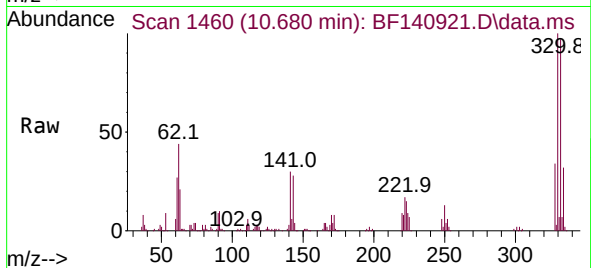
Tgt Ion:330 Resp: 260661

Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

141 30.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 100.467 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

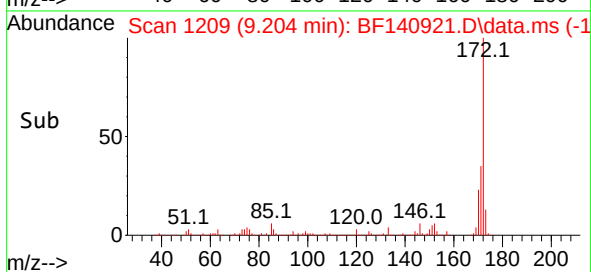
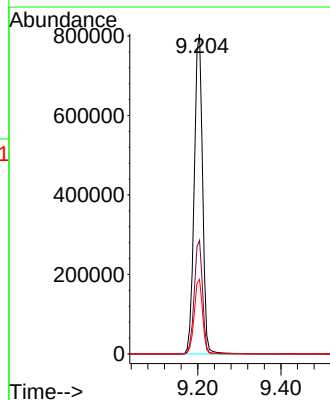
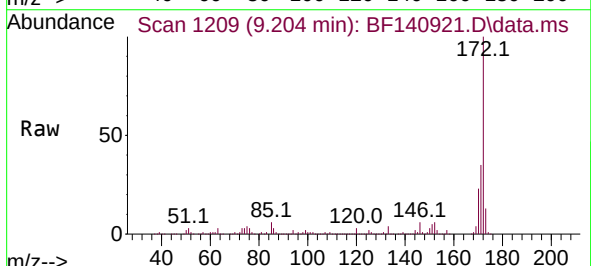
Tgt Ion:172 Resp: 1121570

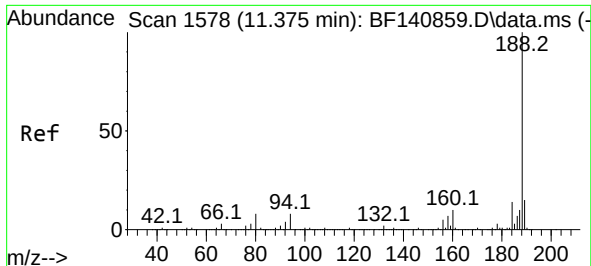
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.3 18.6 28.0

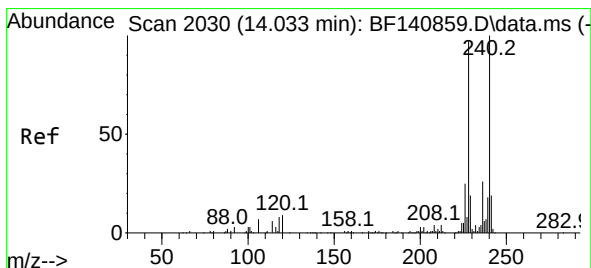
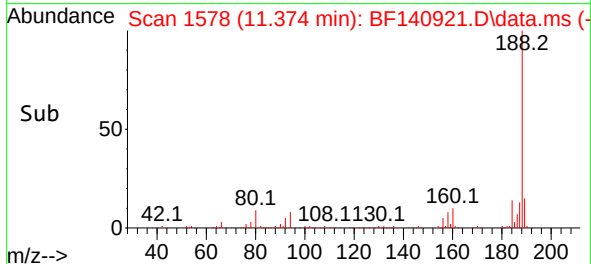
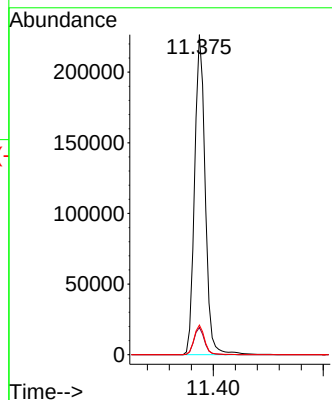
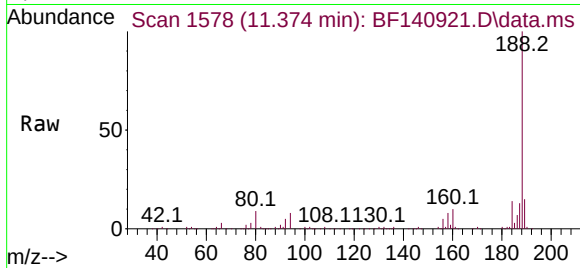




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

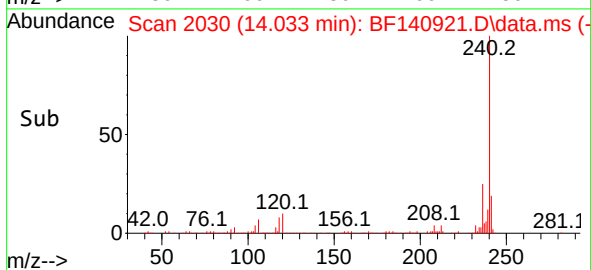
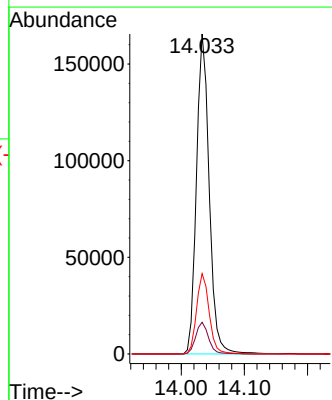
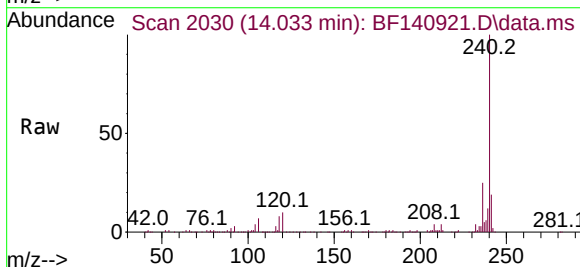
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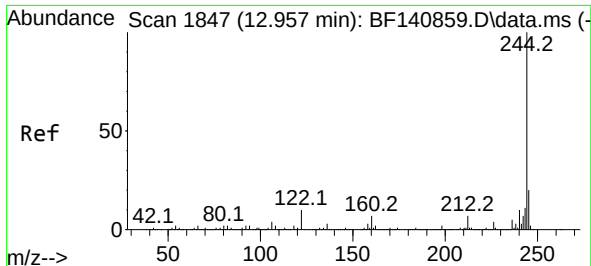
Tgt Ion:188 Resp: 302044
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

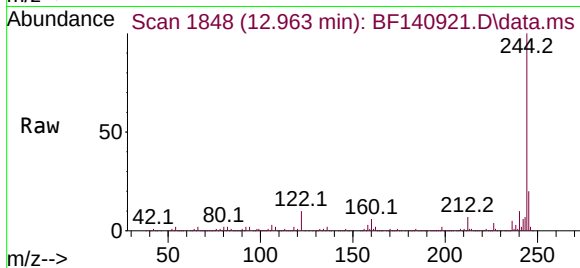
Tgt Ion:240 Resp: 232015
Ion Ratio Lower Upper
240 100
120 9.9 7.6 11.4
236 25.1 20.5 30.7



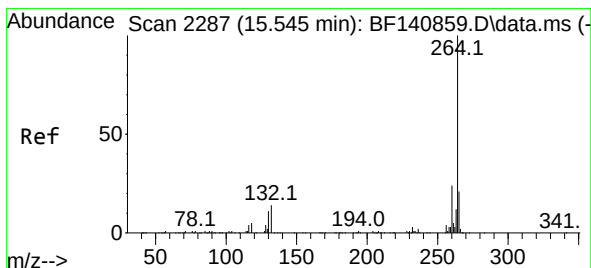
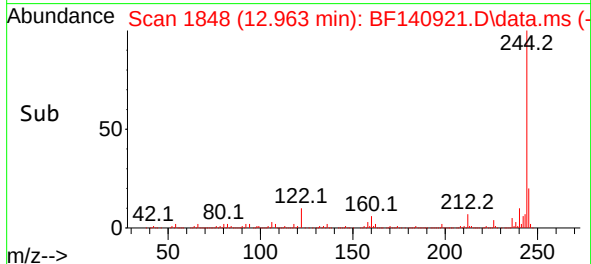
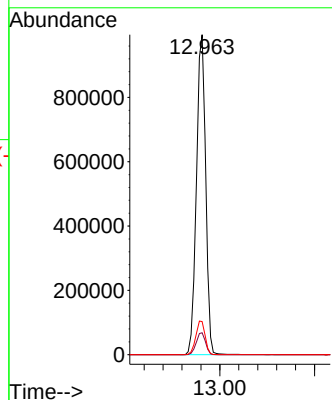


#79
 Terphenyl-d14
 Concen: 91.650 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF140921.D
 Acq: 19 Dec 2024 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB165680TB



Tgt Ion:244 Resp: 1348505
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. -0.000 min
 Lab File: BF140921.D
 Acq: 19 Dec 2024 12:56

Tgt Ion:264 Resp: 162327
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.4 17.0 25.4

