

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140962.D
Acq On : 23 Dec 2024 11:09
Operator : RC/JU
Sample : PB165785BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165785BL

Quant Time: Dec 23 12:06:43 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	55781	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	215425	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	125528	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	235845	20.000	ng	0.00
76) Chrysene-d12	14.033	240	148875	20.000	ng	0.00
86) Perylene-d12	15.533	264	129067	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	504770	148.965	ng	0.01
7) Phenol-d6	6.498	99	645771	143.885	ng	0.00
23) Nitrobenzene-d5	7.416	82	417767	97.024	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	201395	135.653	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	898512	98.410	ng	0.00
79) Terphenyl-d14	12.957	244	1098138	116.314	ng	0.00

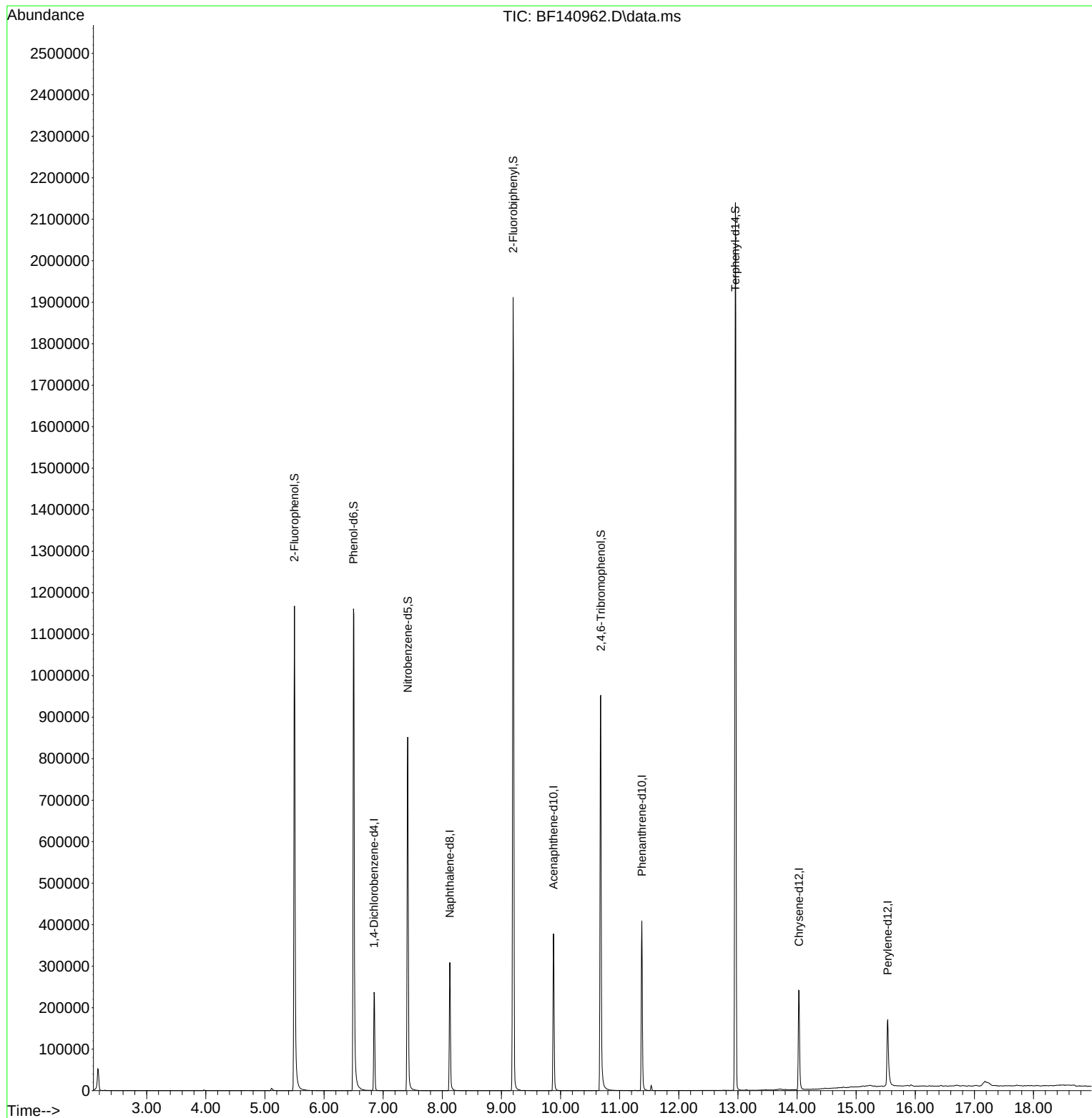
Target Compounds	Qvalue

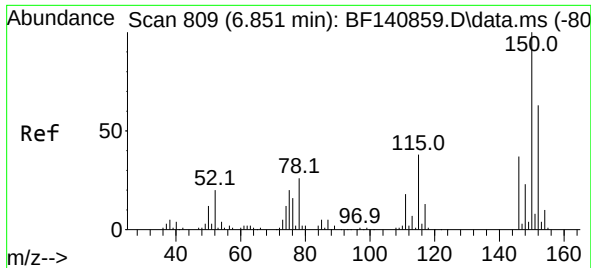
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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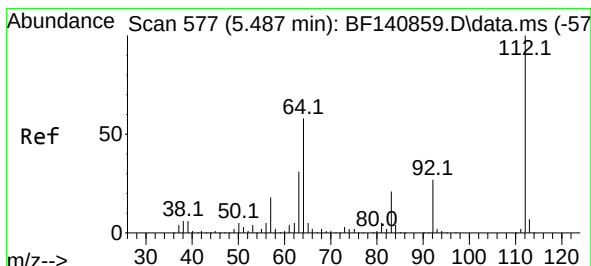
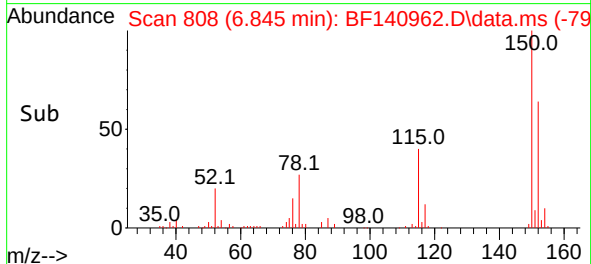
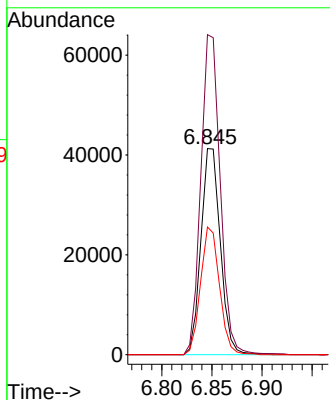
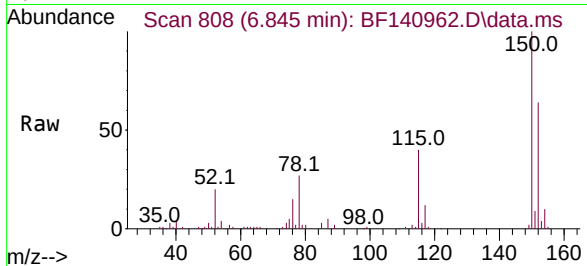




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

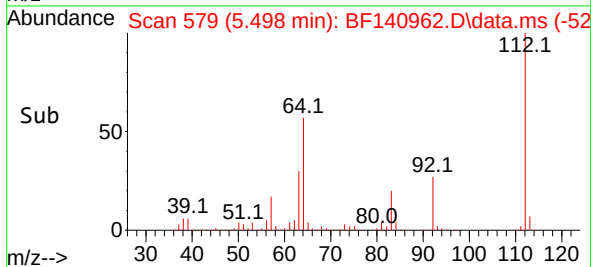
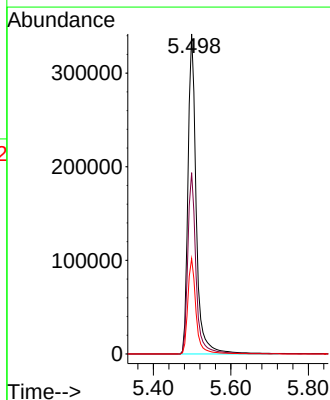
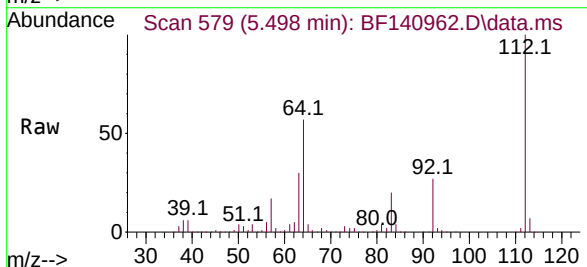
Instrument :
BNA_F
ClientSampleId :
PB165785BL

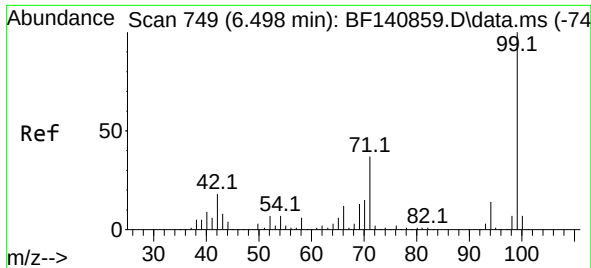
Tgt Ion:152 Resp: 55781
Ion Ratio Lower Upper
152 100
150 155.2 127.9 191.9
115 61.9 48.0 72.0



#5
2-Fluorophenol
Concen: 148.965 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

Tgt Ion:112 Resp: 504770
Ion Ratio Lower Upper
112 100
64 56.6 46.1 69.1
63 29.8 24.9 37.3



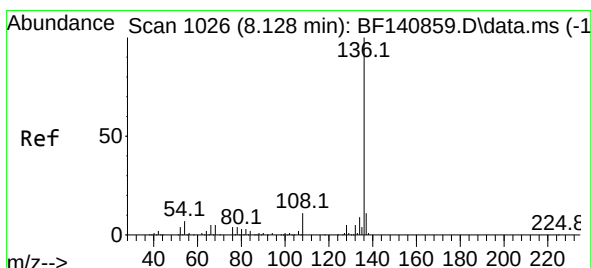
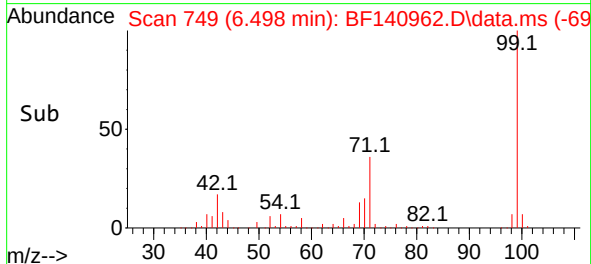
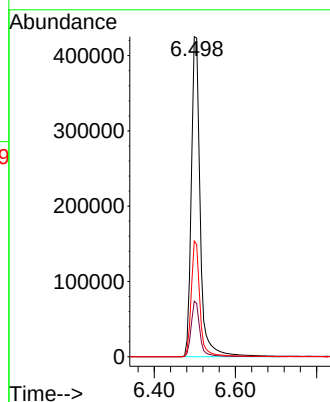
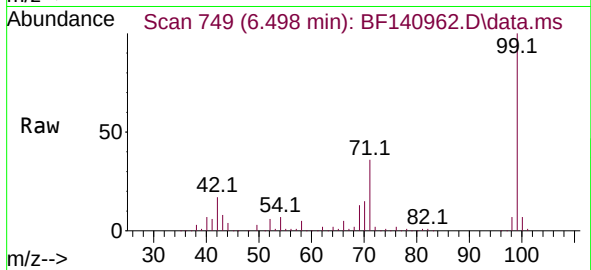


#7
Phenol-d6
Concen: 143.885 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165785BL

Tgt Ion: 99 Resp: 645771

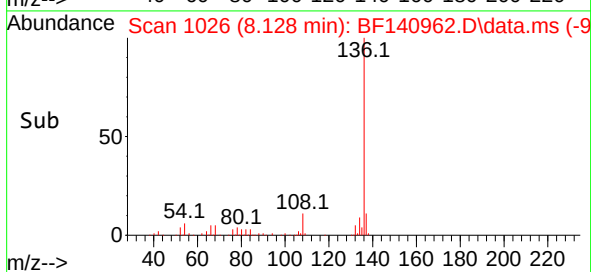
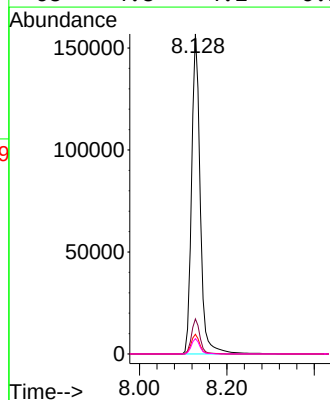
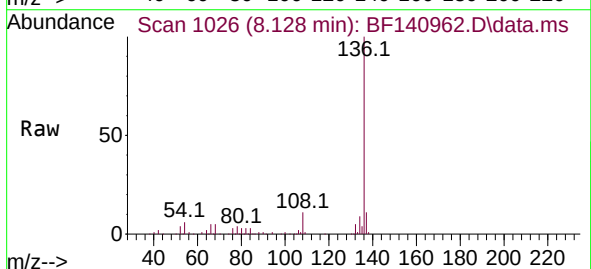
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.3	21.5
71	36.1	29.9	44.9

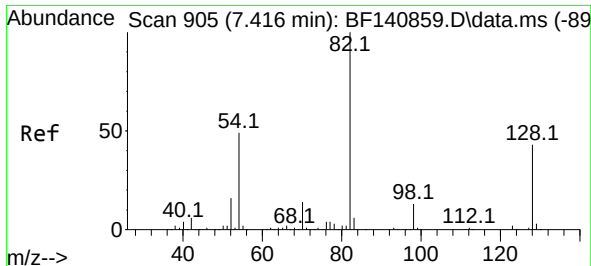


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

Tgt Ion: 136 Resp: 215425

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.2	5.6	8.4
68	4.8	4.2	6.2

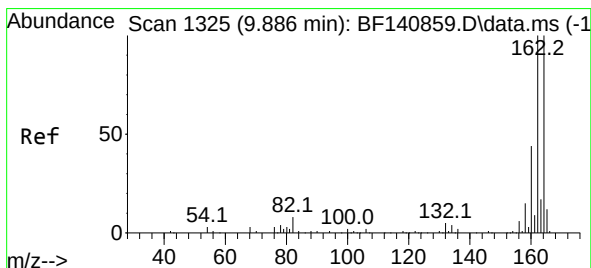
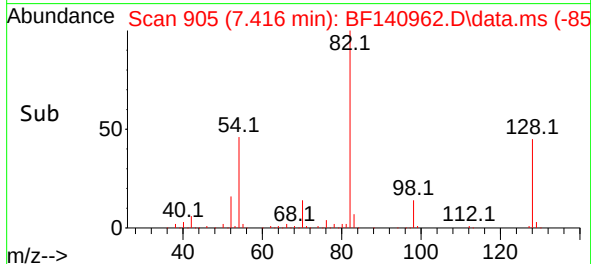
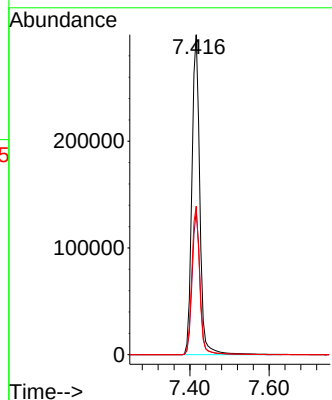
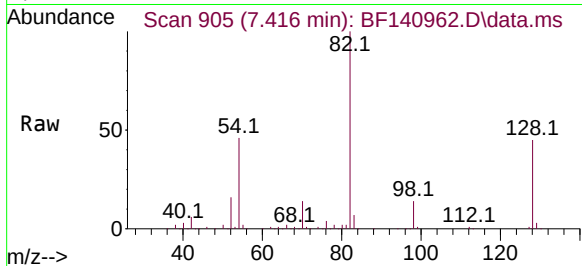




#23
 Nitrobenzene-d5
 Concen: 97.024 ng
 RT: 7.416 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: BF140962.D
 Acq: 23 Dec 2024 11:09

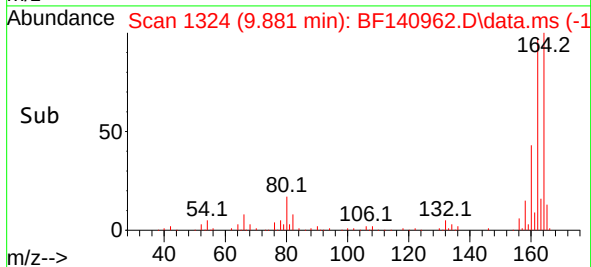
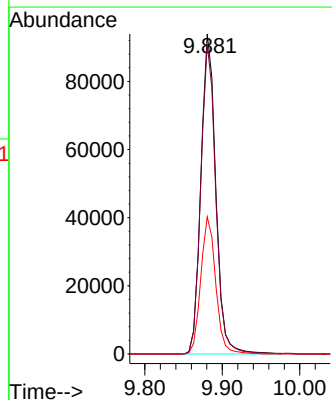
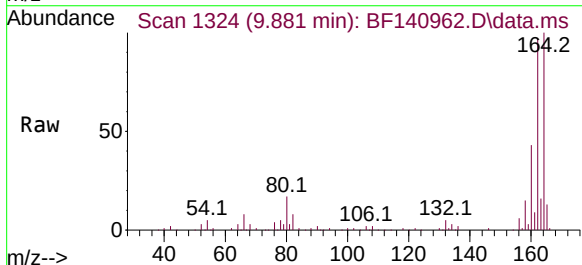
Instrument :
 BNA_F
 ClientSampleId :
 PB165785BL

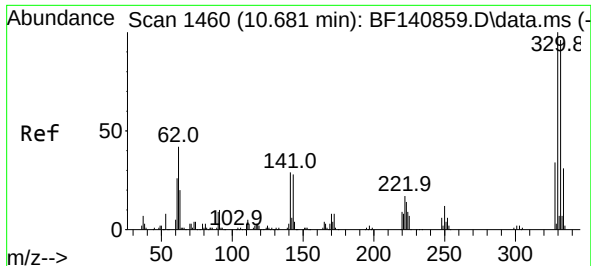
Tgt Ion: 82 Resp: 417767
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.4 51.6
 54 46.4 38.8 58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.881 min Scan# 1324
 Delta R.T. -0.006 min
 Lab File: BF140962.D
 Acq: 23 Dec 2024 11:09

Tgt Ion: 164 Resp: 125528
 Ion Ratio Lower Upper
 164 100
 162 96.9 79.9 119.9
 160 42.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 135.653 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140962.D

Acq: 23 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165785BL

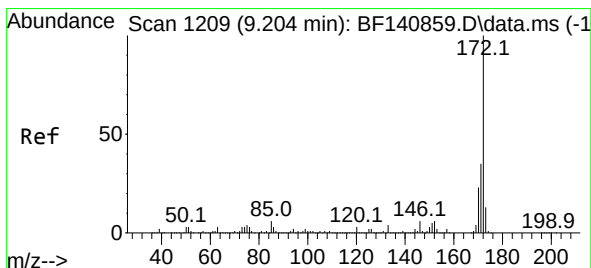
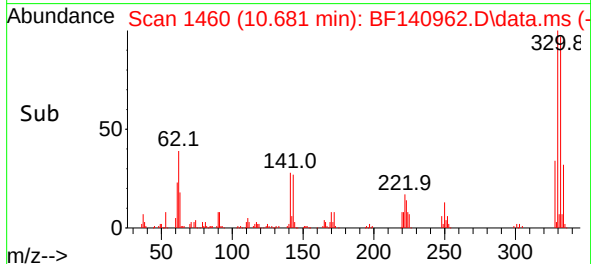
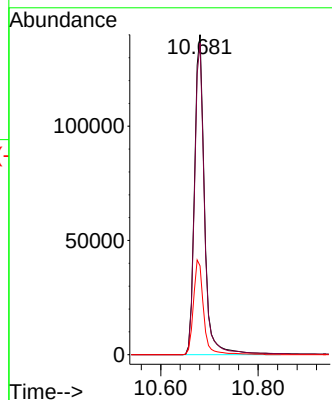
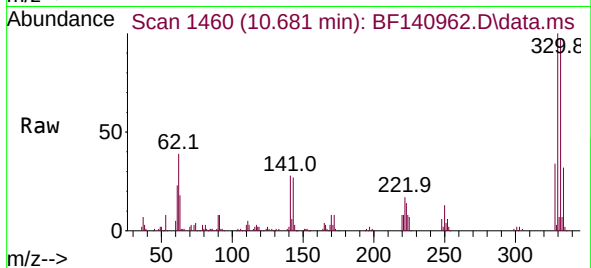
Tgt Ion:330 Resp: 201395

Ion Ratio Lower Upper

330 100

332 97.2 76.2 114.4

141 30.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 98.410 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140962.D

Acq: 23 Dec 2024 11:09

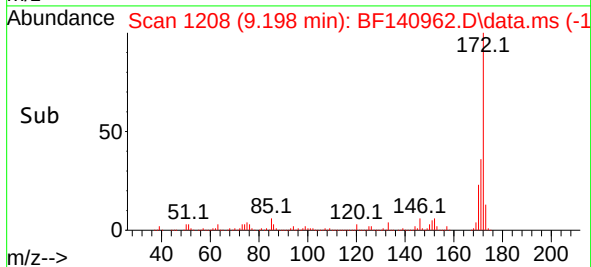
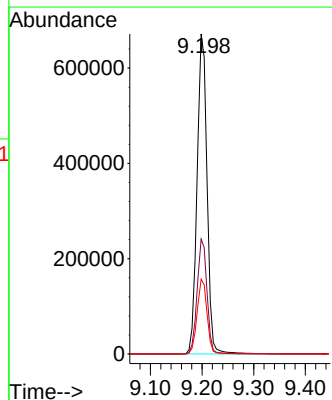
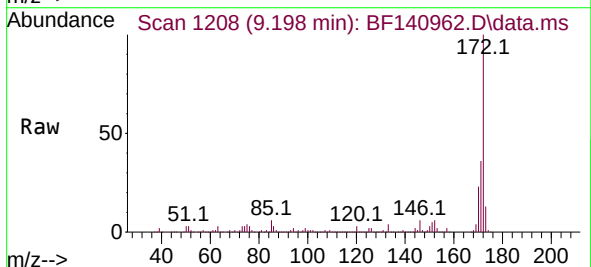
Tgt Ion:172 Resp: 898512

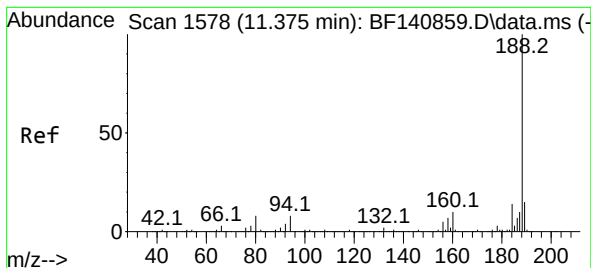
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.4 18.6 28.0

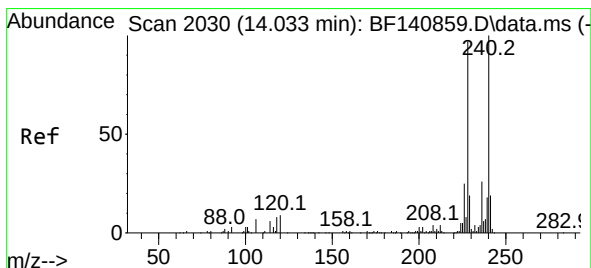
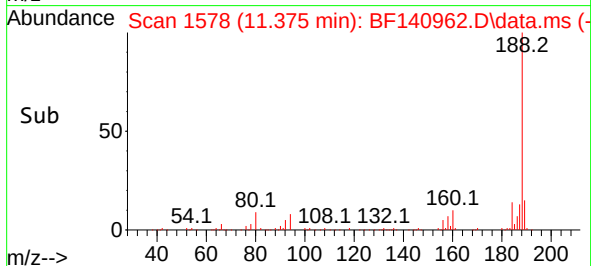
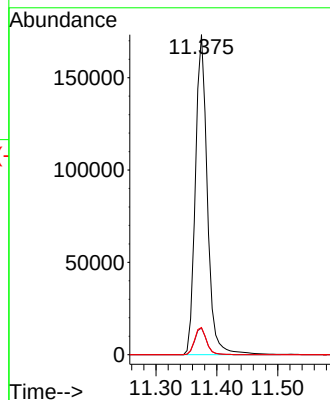
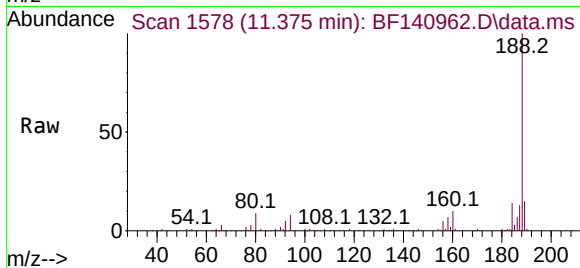




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

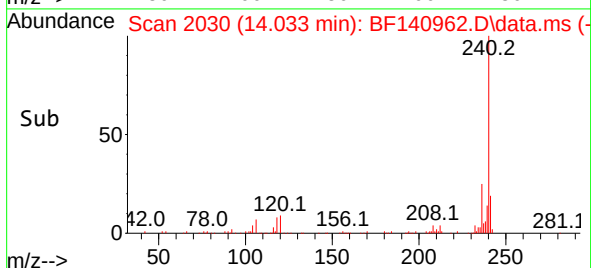
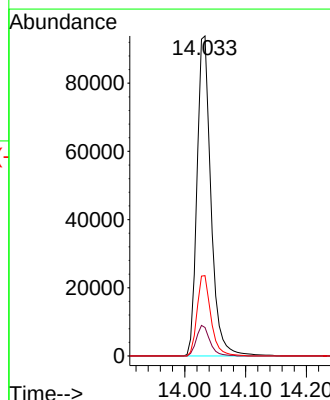
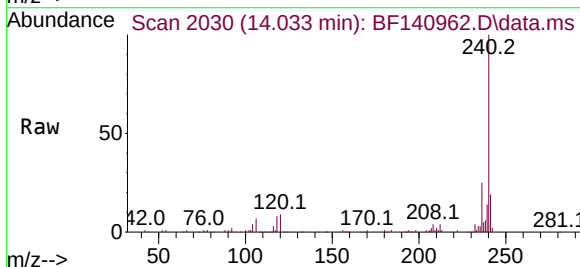
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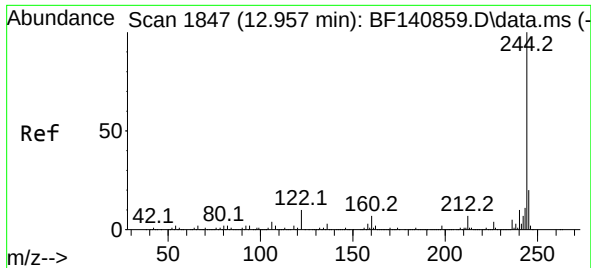
Tgt Ion:188 Resp: 235845
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140962.D
Acq: 23 Dec 2024 11:09

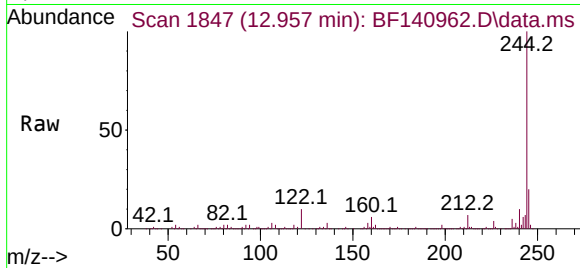
Tgt Ion:240 Resp: 148875
Ion Ratio Lower Upper
240 100
120 8.9 7.6 11.4
236 25.1 20.5 30.7



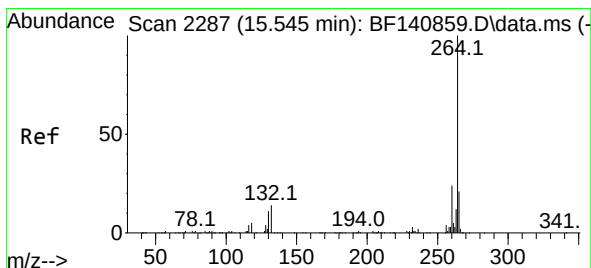
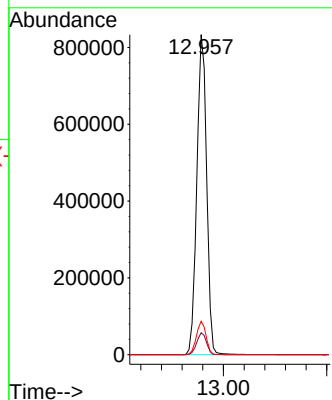
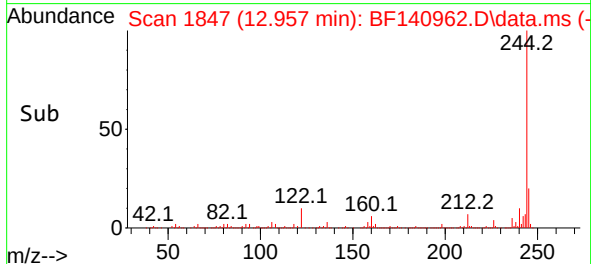


#79
 Terphenyl-d14
 Concen: 116.314 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140962.D
 Acq: 23 Dec 2024 11:09

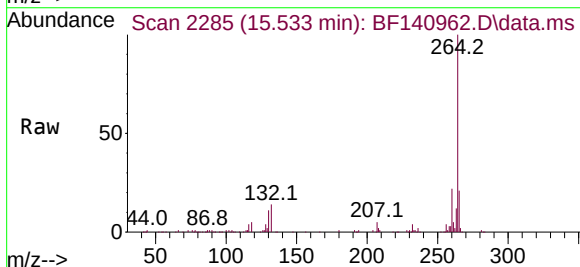
Instrument :
 BNA_F
 ClientSampleId :
 PB165785BL



Tgt Ion:244 Resp: 1098138
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.5 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: BF140962.D
 Acq: 23 Dec 2024 11:09



Tgt Ion:264 Resp: 129067
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.1 28.7
 265 21.2 17.0 25.4

