

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142104.D
 Acq On : 26 Mar 2025 18:39
 Operator : RC/JU
 Sample : Q1625-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A1291

Quant Time: Mar 27 01:04:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

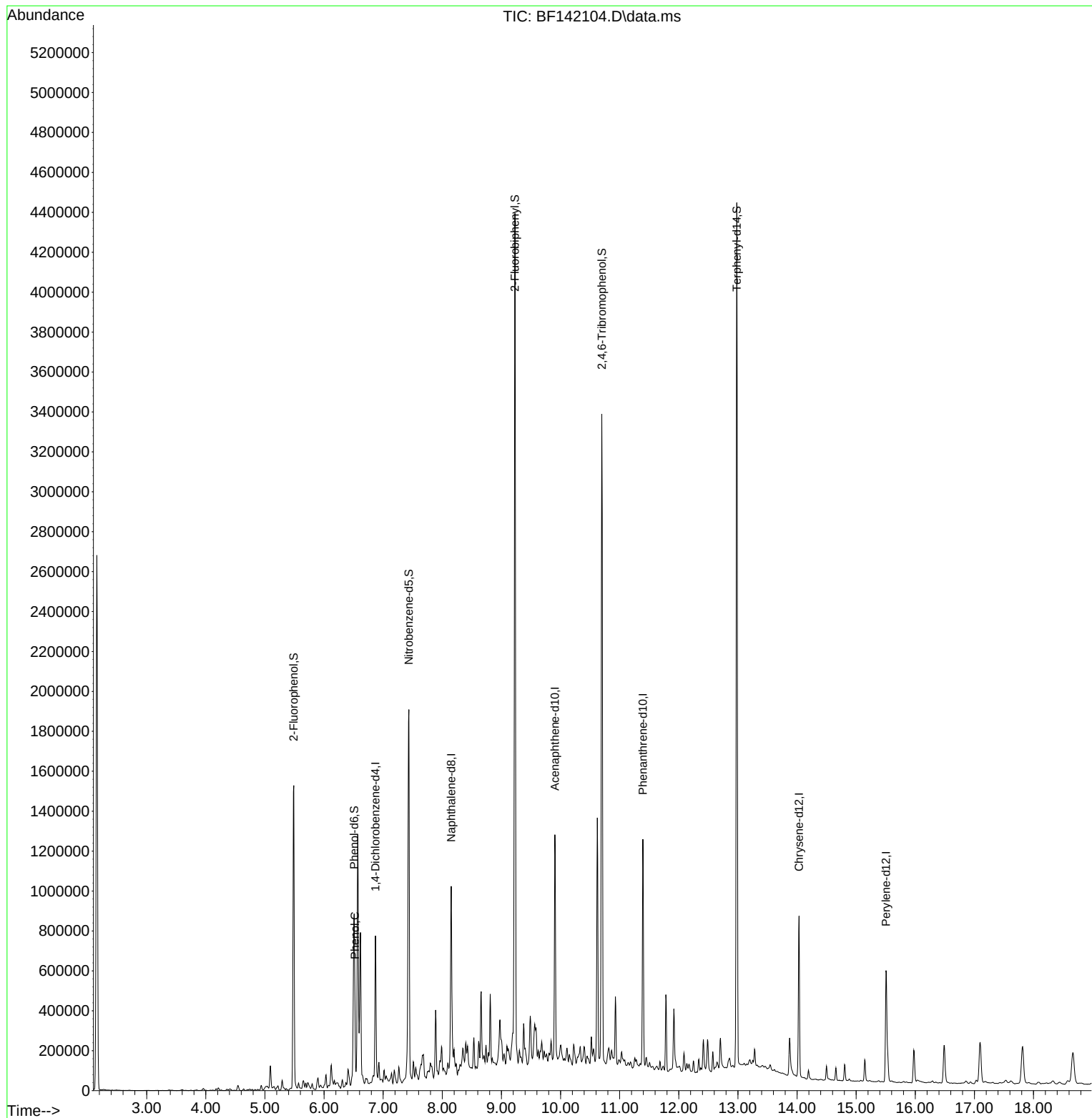
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	145511	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	580027	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	334514	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	593298	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	402170	20.000	ng	0.00
86) Perylene-d12	15.504	264	349481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	623685	71.534	ng	0.00
7) Phenol-d6	6.510	99	520895	46.924	ng	0.00
23) Nitrobenzene-d5	7.434	82	911655	88.451	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	647994	152.694	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1926954	87.606	ng	-0.01
79) Terphenyl-d14	12.980	244	2196674	80.754	ng	0.00
Target Compounds						
10) Phenol	6.522	94	28052	2.402	ng	Qvalue # 66

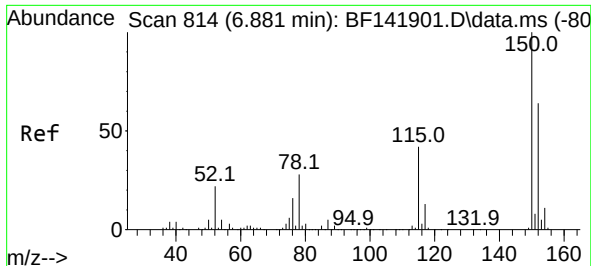
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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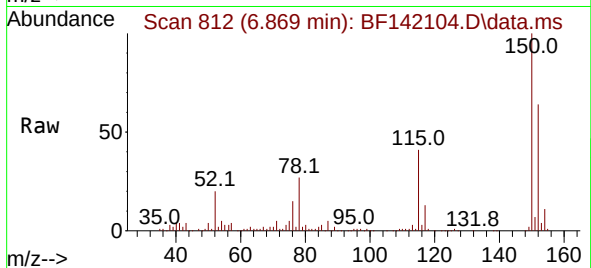
Quant Time: Mar 27 01:04:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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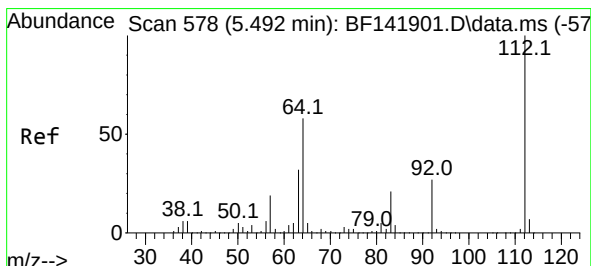
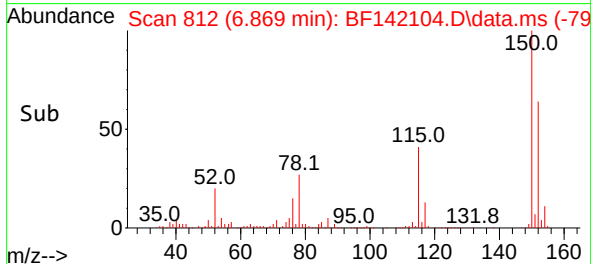
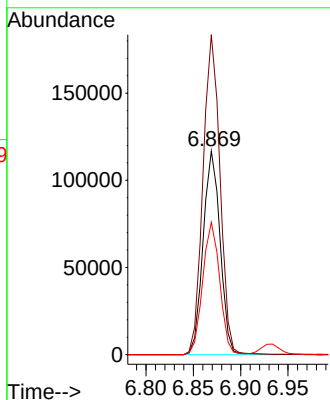


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142104.D
Acq: 26 Mar 2025 18:39

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A1291

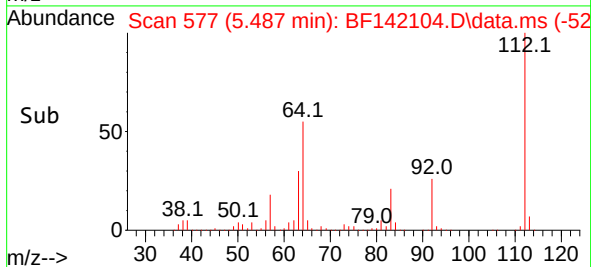
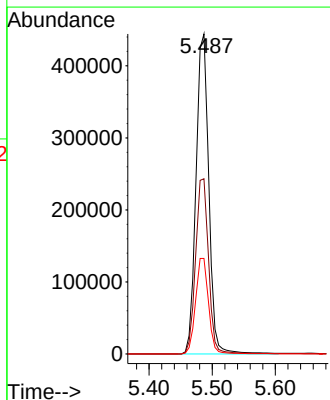
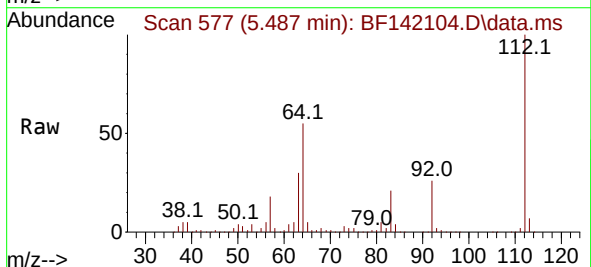


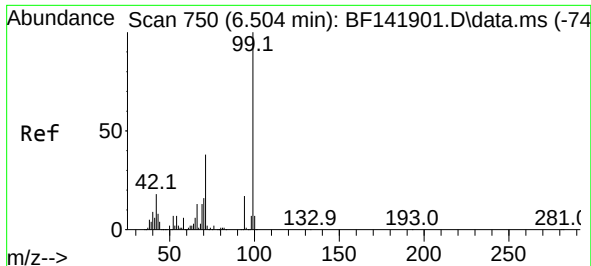
Tgt Ion:152 Resp: 145511
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.2
115 64.9 51.9 77.9



#5
2-Fluorophenol
Concen: 71.534 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142104.D
Acq: 26 Mar 2025 18:39

Tgt Ion:112 Resp: 623685
Ion Ratio Lower Upper
112 100
64 54.7 46.5 69.7
63 29.9 25.4 38.2

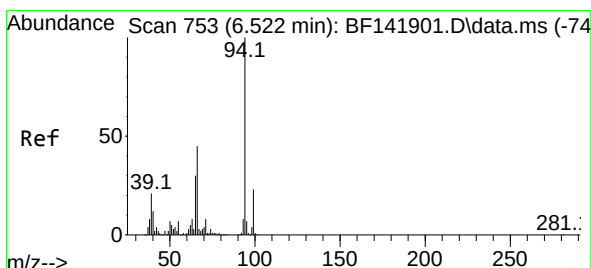
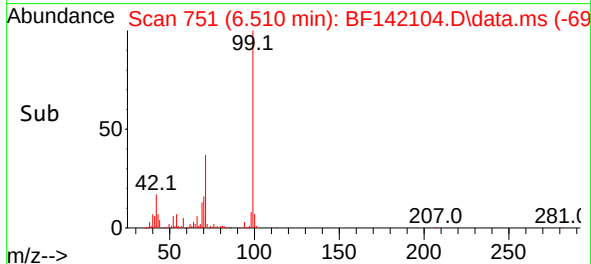
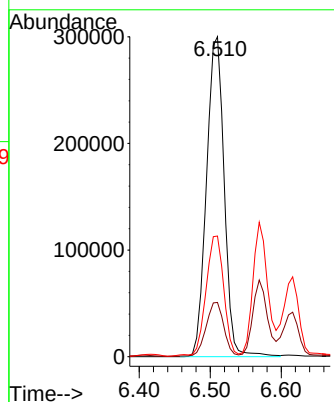
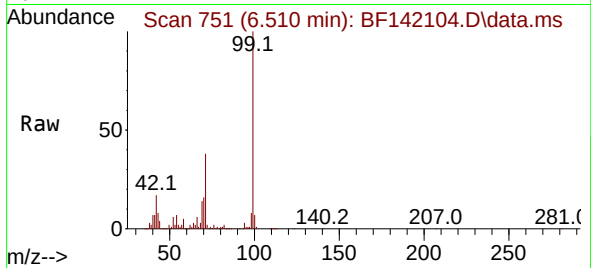




#7
Phenol-d6
Concen: 46.924 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF142104.D
Acq: 26 Mar 2025 18:39

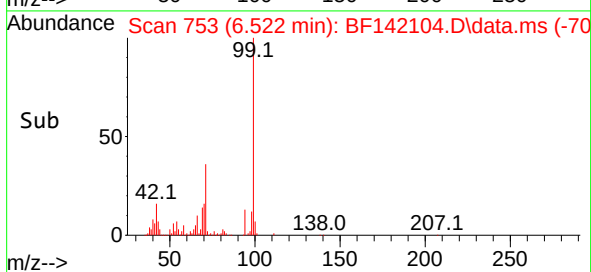
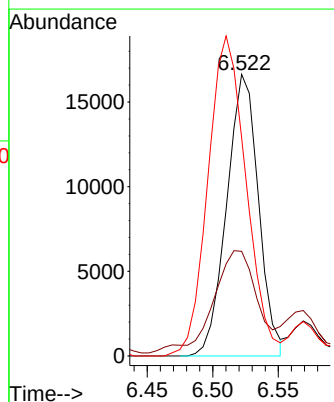
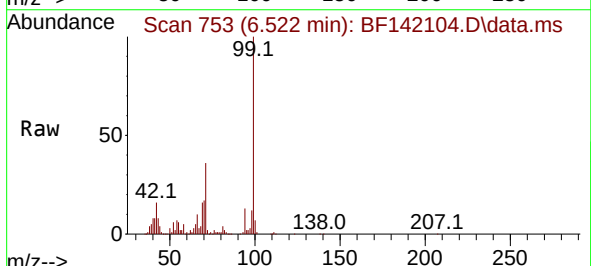
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A1291

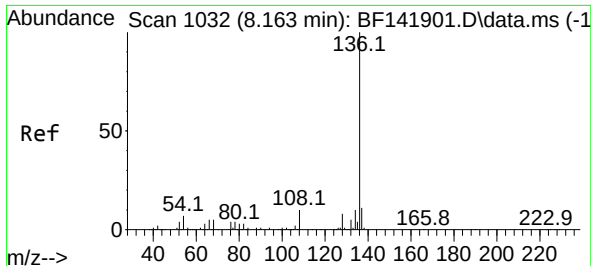
Tgt Ion: 99 Resp: 520895
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 37.7 30.8 46.2



#10
Phenol
Concen: 2.402 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF142104.D
Acq: 26 Mar 2025 18:39

Tgt Ion: 94 Resp: 28052
Ion Ratio Lower Upper
94 100
65 37.2 10.5 50.5
66 77.5 25.8 65.8#



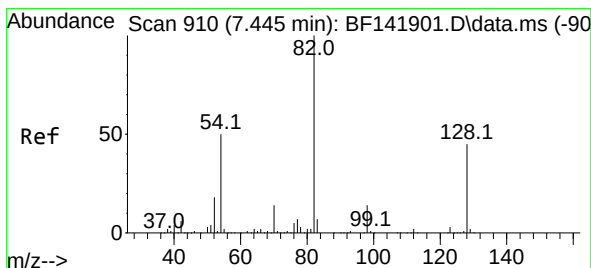
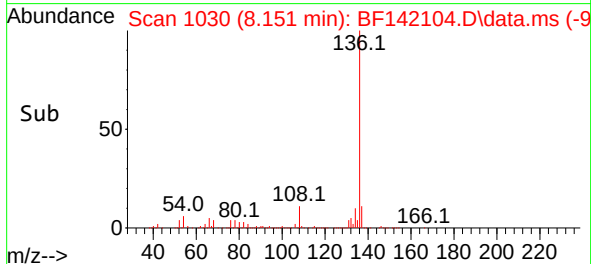
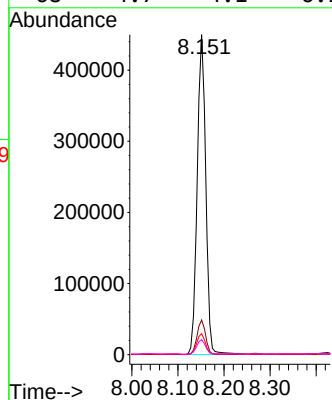
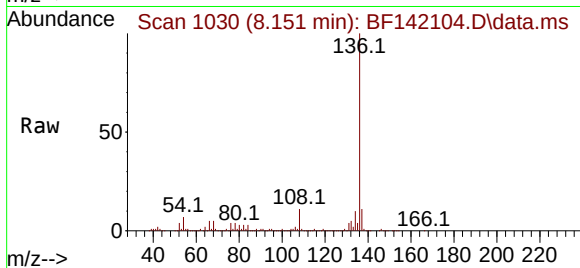


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142104.D
Acq: 26 Mar 2025 18:39

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A1291

Tgt Ion:136 Resp: 580027

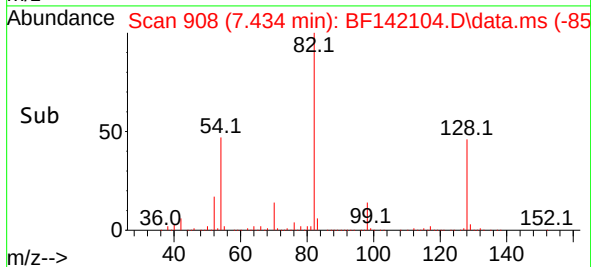
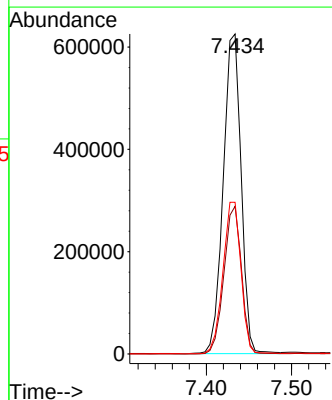
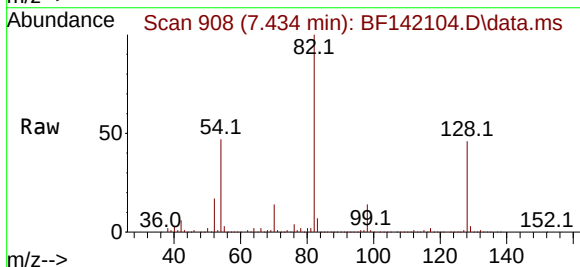
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.6	5.8	8.8
68	4.7	4.1	6.1

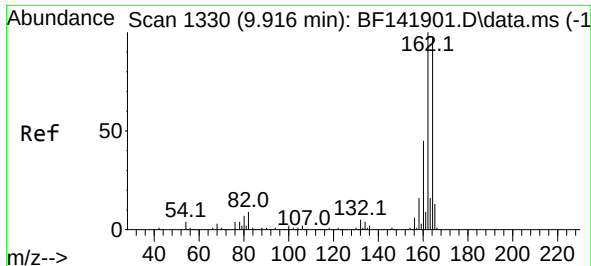


#23
Nitrobenzene-d5
Concen: 88.451 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142104.D
Acq: 26 Mar 2025 18:39

Tgt Ion: 82 Resp: 911655

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.0	54.0
54	47.4	39.6	59.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142104.D

Acq: 26 Mar 2025 18:39

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-A1291

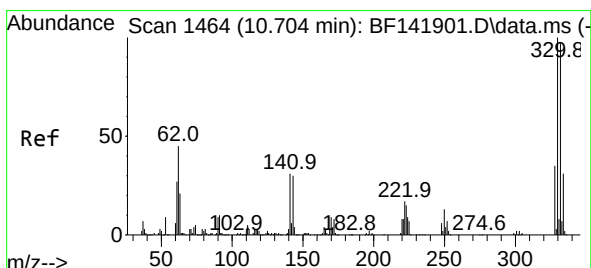
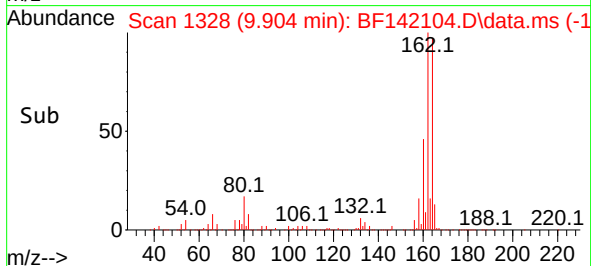
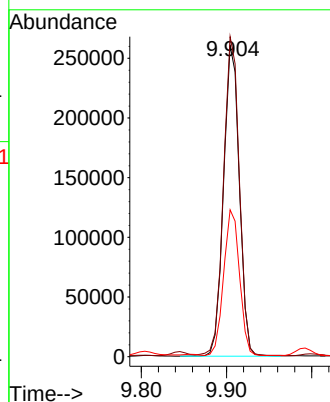
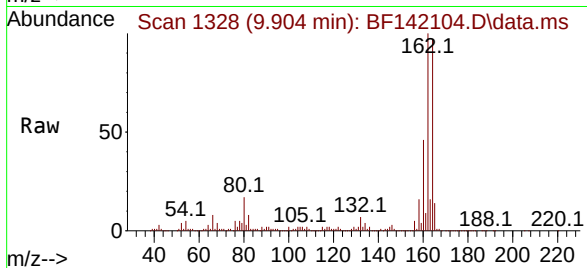
Tgt Ion:164 Resp: 334514

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

160 47.2 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 152.694 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142104.D

Acq: 26 Mar 2025 18:39

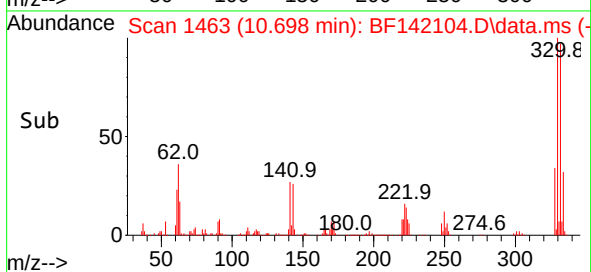
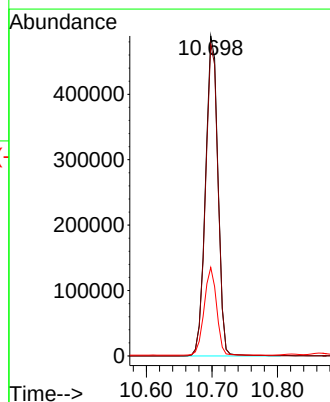
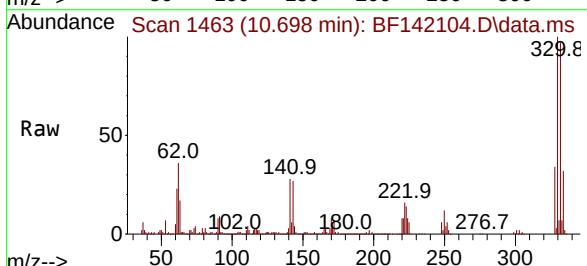
Tgt Ion:330 Resp: 647994

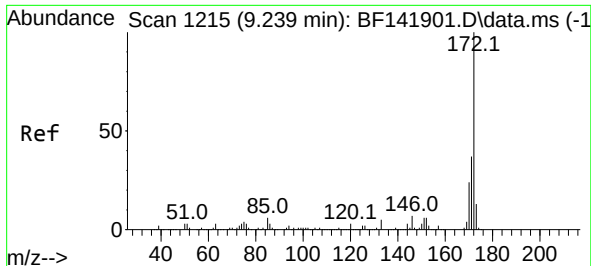
Ion Ratio Lower Upper

330 100

332 97.7 77.6 116.4

141 27.3 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 87.606 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142104.D

Acq: 26 Mar 2025 18:39

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-A1291

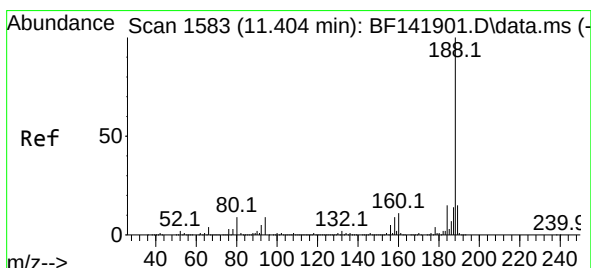
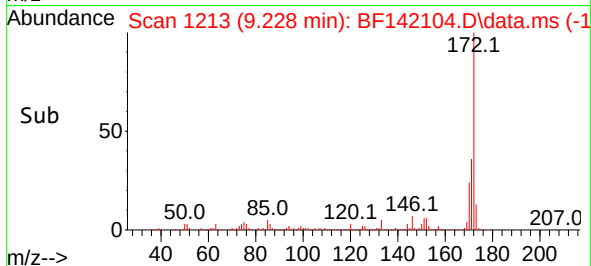
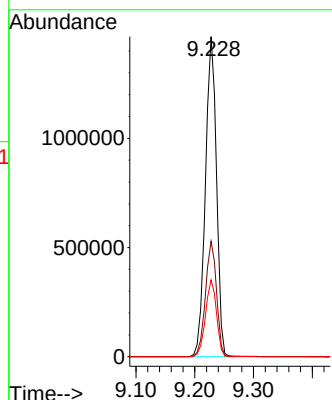
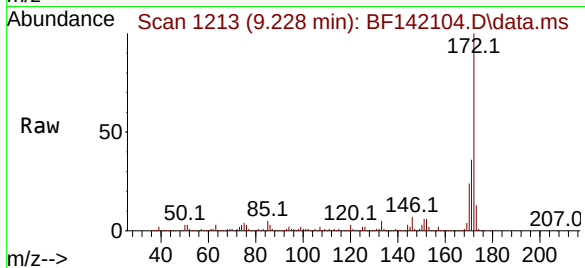
Tgt Ion:172 Resp: 1926954

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 24.0 19.4 29.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF142104.D

Acq: 26 Mar 2025 18:39

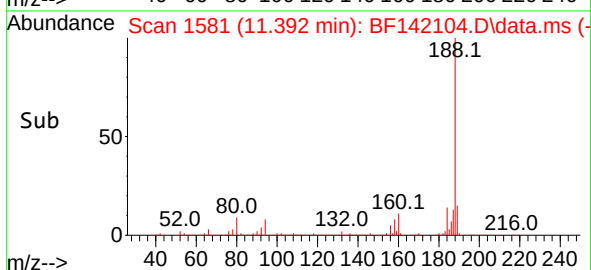
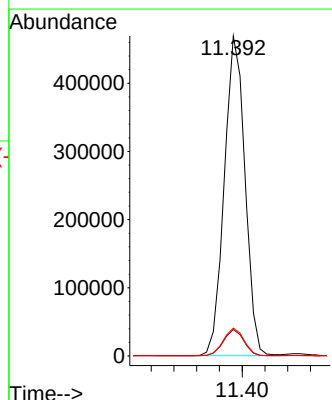
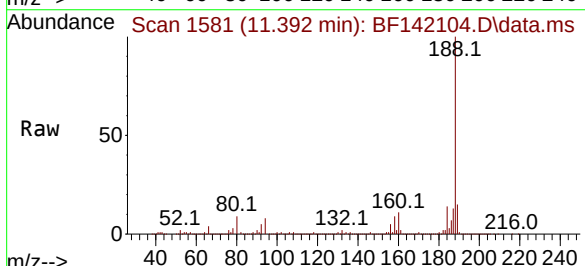
Tgt Ion:188 Resp: 593298

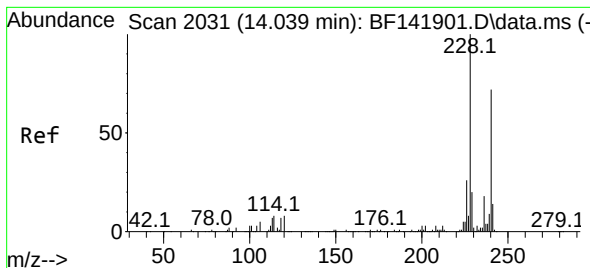
Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.7 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF142104.D

Acq: 26 Mar 2025 18:39

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-A1291

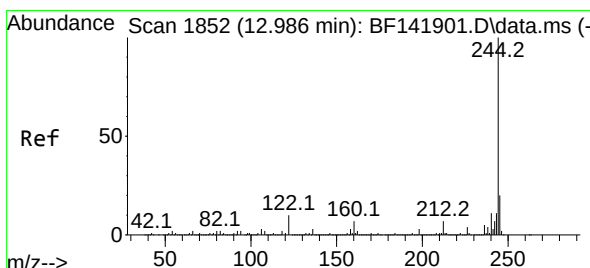
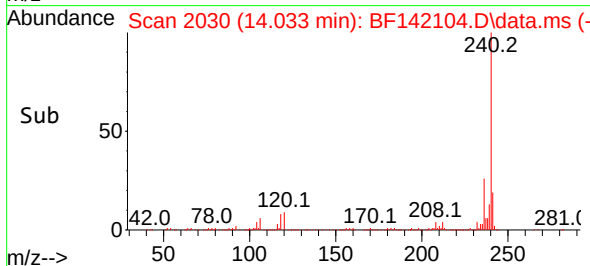
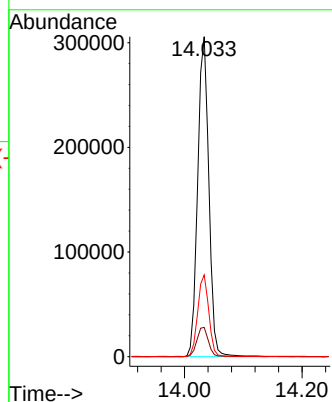
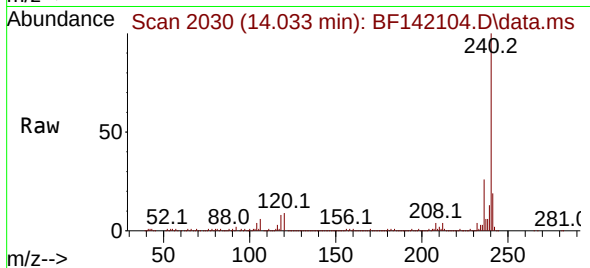
Tgt Ion:240 Resp: 402170

Ion Ratio Lower Upper

240 100

120 9.1 8.4 12.6

236 25.5 20.5 30.7



#79

Terphenyl-d14

Concen: 80.754 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142104.D

Acq: 26 Mar 2025 18:39

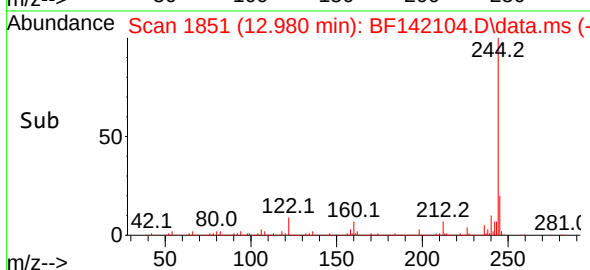
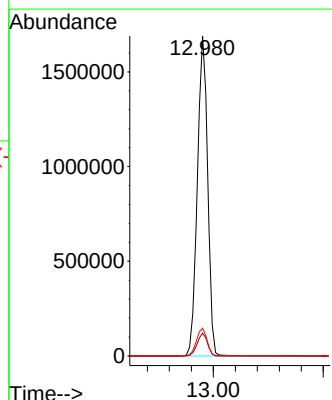
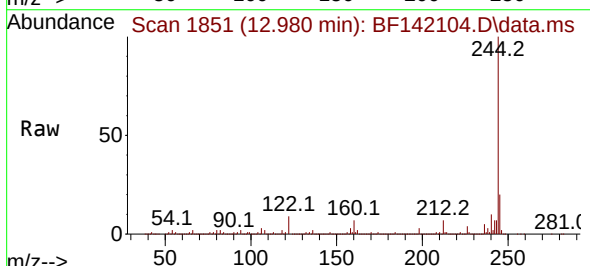
Tgt Ion:244 Resp: 2196674

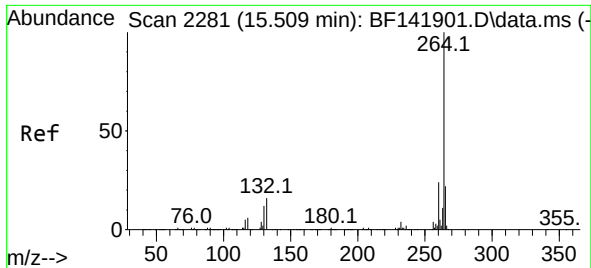
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

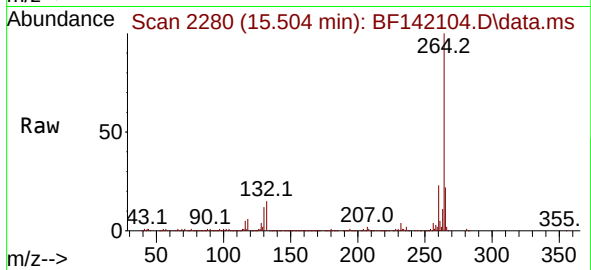
122 8.7 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142104.D
 Acq: 26 Mar 2025 18:39

Instrument :
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Tgt Ion:264 Resp: 349481
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.5 17.5 26.3

