

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144068.D
 Acq On : 24 Oct 2025 18:48
 Operator : RC/JU
 Sample : Q3431-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-10222025DL

Quant Time: Oct 24 22:57:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

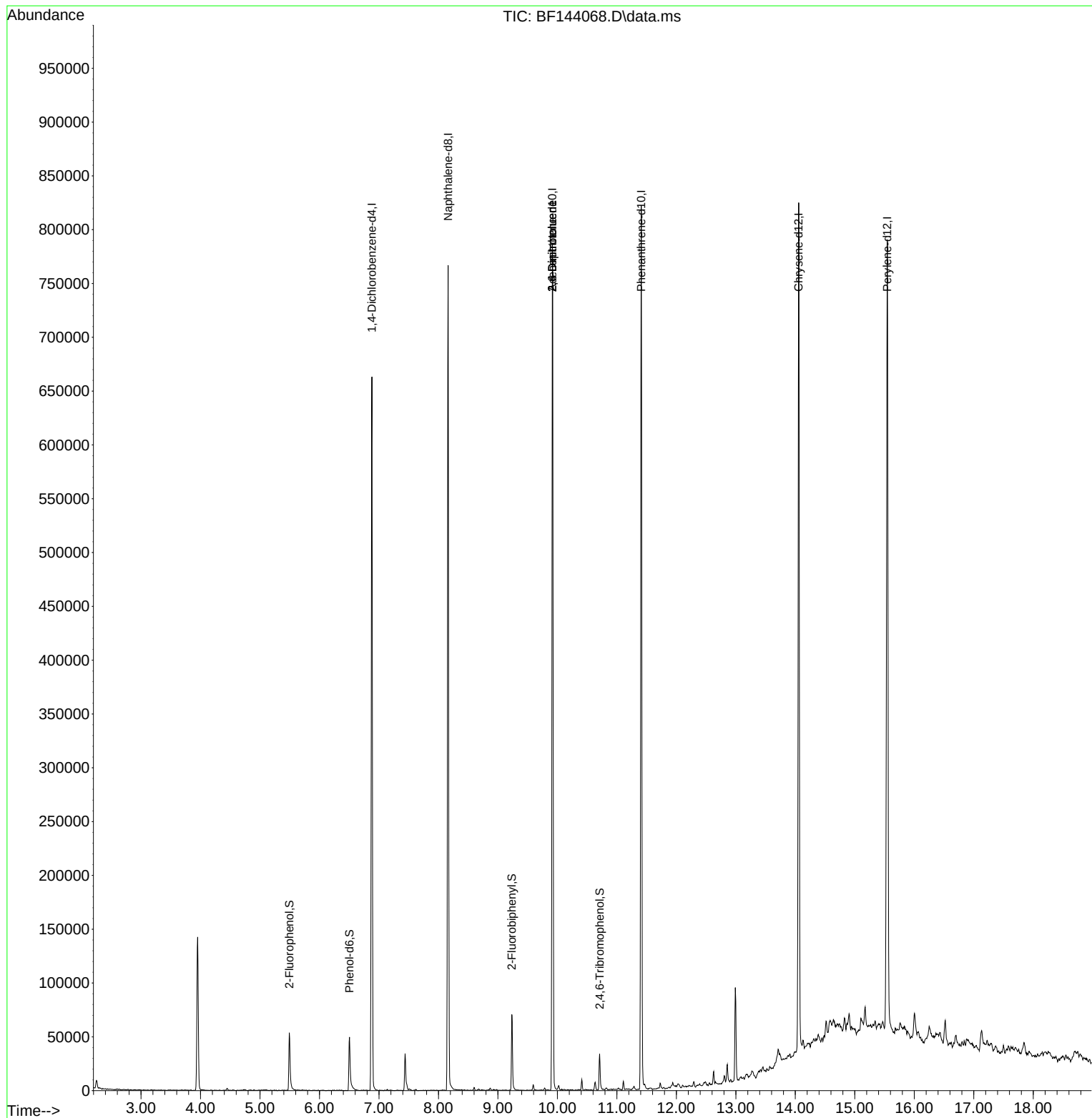
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	130753	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	463516	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	248261	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	441014	20.000	ng	0.00
76) Chrysene-d12	14.057	240	409325	20.000	ng	0.00
86) Perylene-d12	15.545	264	521260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	25283	3.059	ng	0.00
7) Phenol-d6	6.504	99	26616	2.916	ng	0.00
23) Nitrobenzene-d5	7.439	82	16877	1.995	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	8272	2.616	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	37918	2.149	ng	0.00
79) Terphenyl-d14	12.992	244	43679	1.866	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.916	165	32283	10.035	ng	# 23
57) 2,4-Dinitrotoluene	9.916	165	32283	7.435	ng	# 26

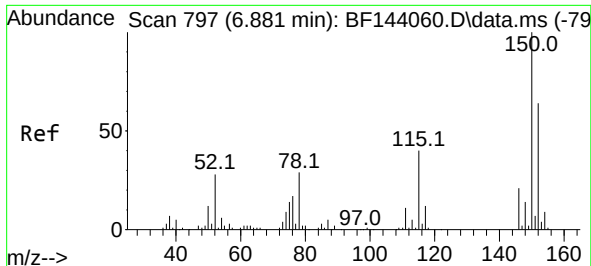
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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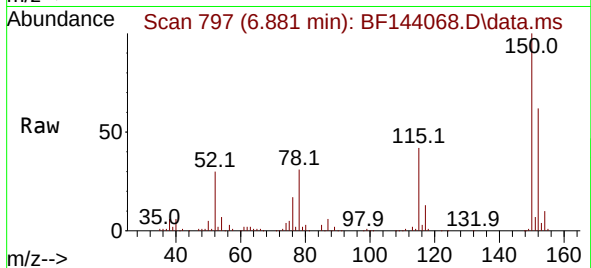
Quant Time: Oct 24 22:57:15 2025
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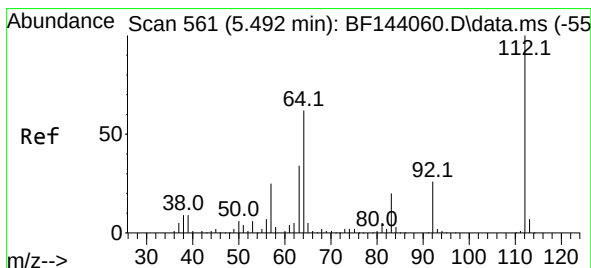
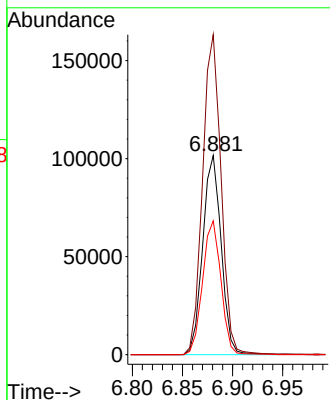
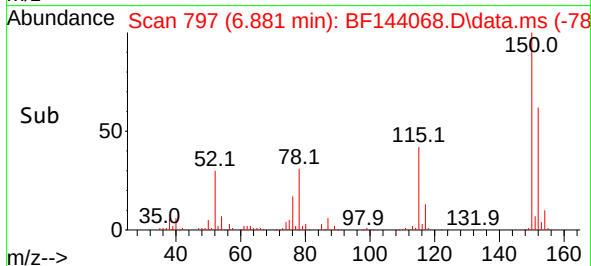


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF144068.D
Acq: 24 Oct 2025 18:48

Instrument :
BNA_F
ClientSampleId :
EO-02-10222025DL

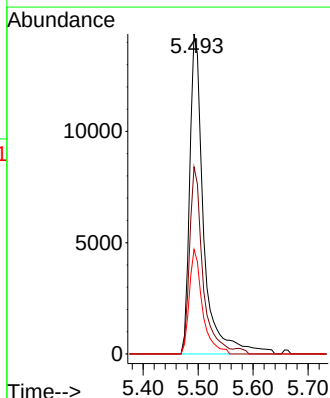
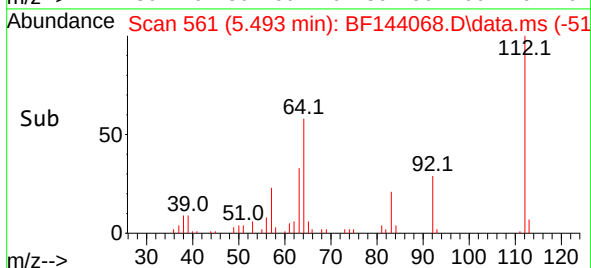
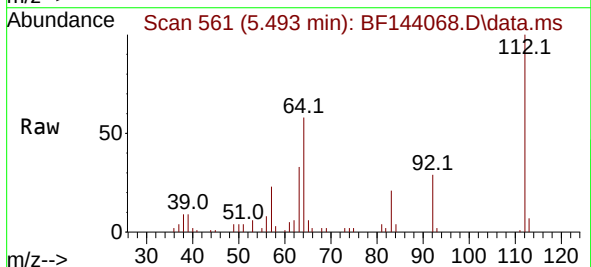


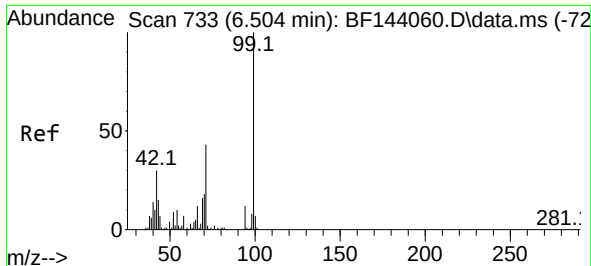
Tgt Ion:152 Resp: 130753
Ion Ratio Lower Upper
152 100
150 160.6 124.4 186.6
115 67.2 49.4 74.0



#5
2-Fluorophenol
Concen: 3.059 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144068.D
Acq: 24 Oct 2025 18:48

Tgt Ion:112 Resp: 25283
Ion Ratio Lower Upper
112 100
64 58.4 49.8 74.8
63 32.7 27.4 41.2

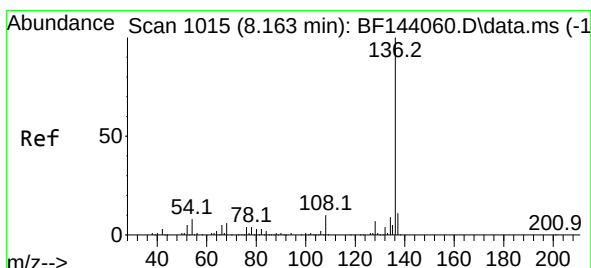
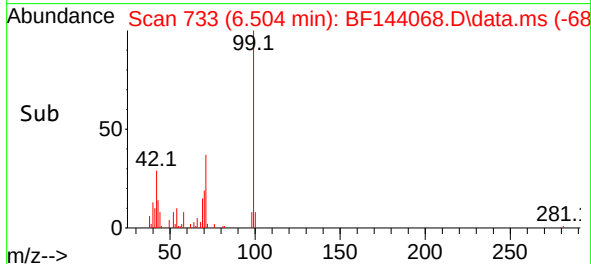
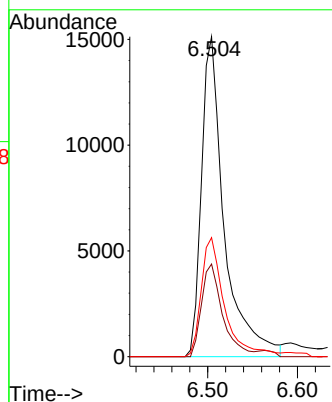
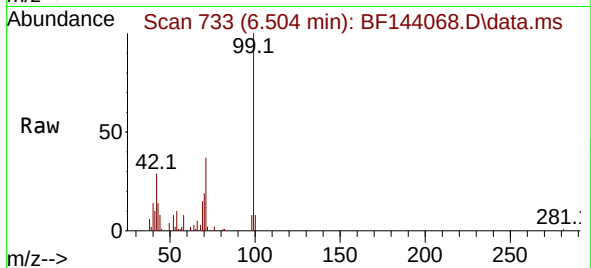




#7
Phenol-d6
Concen: 2.916 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144068.D
Acq: 24 Oct 2025 18:48

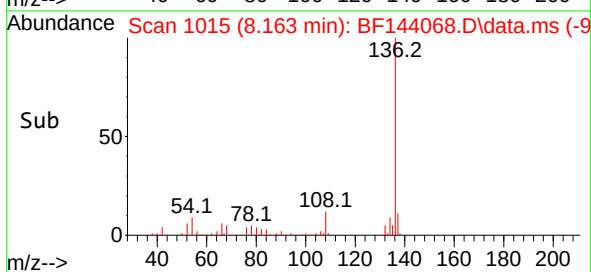
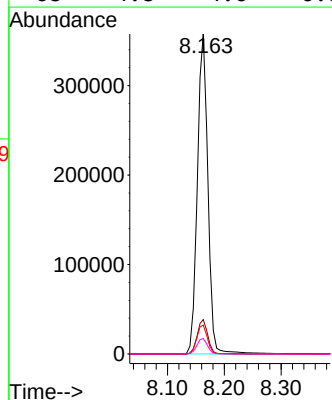
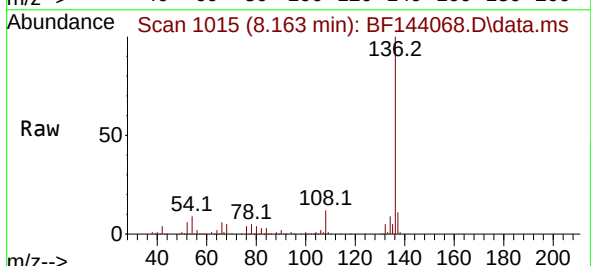
Instrument :
BNA_F
ClientSampleId :
EO-02-10222025DL

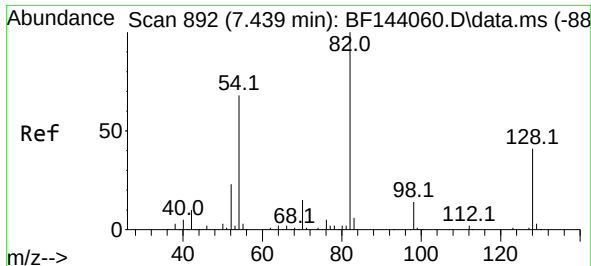
Tgt Ion:	99	Resp:	26616
Ion	Ratio	Lower	Upper
99	100		
42	29.0	23.9	35.9
71	37.2	34.4	51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144068.D
Acq: 24 Oct 2025 18:48

Tgt Ion:	136	Resp:	463516
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.1	6.6	9.8
68	4.8	4.6	6.8





#23

Nitrobenzene-d5

Concen: 1.995 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144068.D

Acq: 24 Oct 2025 18:48

Instrument :

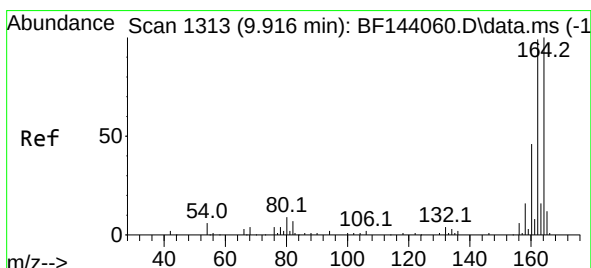
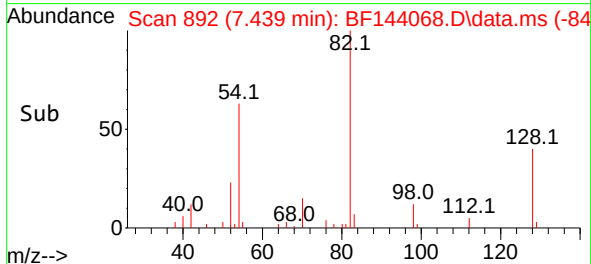
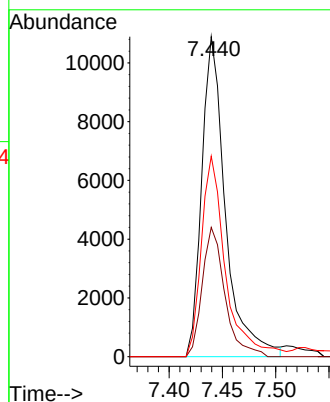
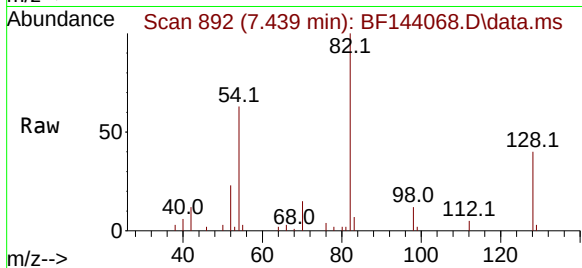
BNA_F

ClientSampleId :

EO-02-10222025DL

Tgt Ion: 82 Resp: 16877

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.4	48.6
54	62.7	54.0	81.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

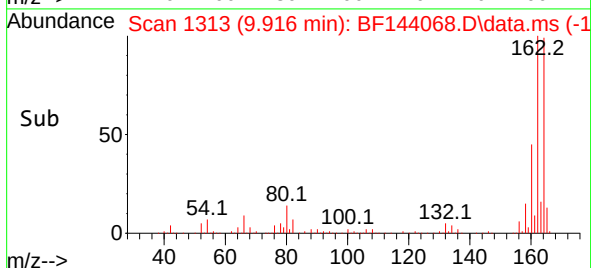
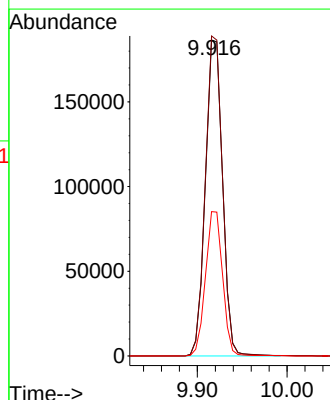
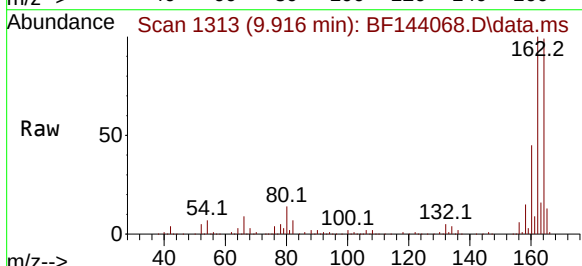
Delta R.T. 0.000 min

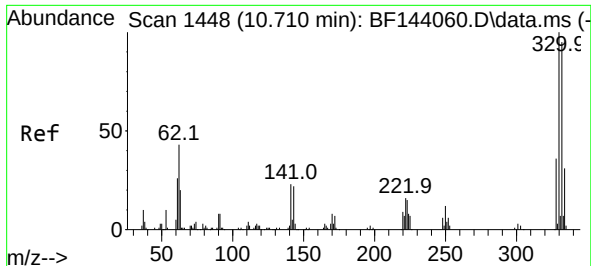
Lab File: BF144068.D

Acq: 24 Oct 2025 18:48

Tgt Ion:164 Resp: 248261

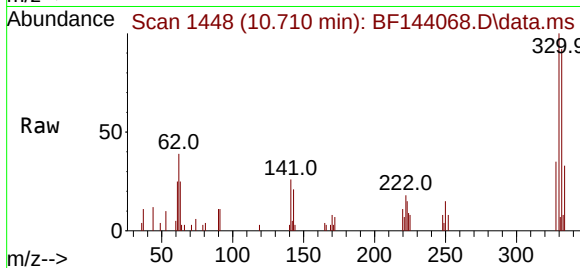
Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.4	119.2
160	45.7	36.7	55.1



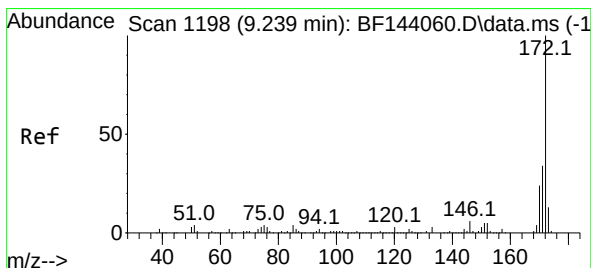
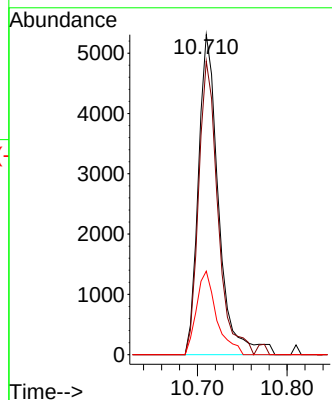
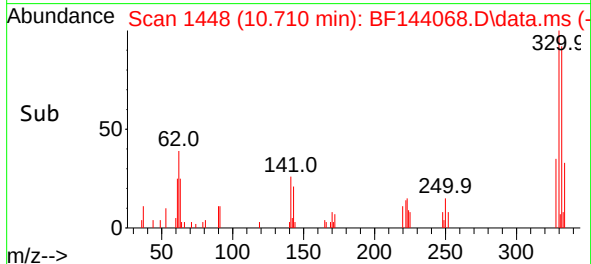


#42
 2,4,6-Tribromophenol
 Concen: 2.616 ng
 RT: 10.710 min Scan# 1448
 Delta R.T. 0.000 min
 Lab File: BF144068.D
 Acq: 24 Oct 2025 18:48

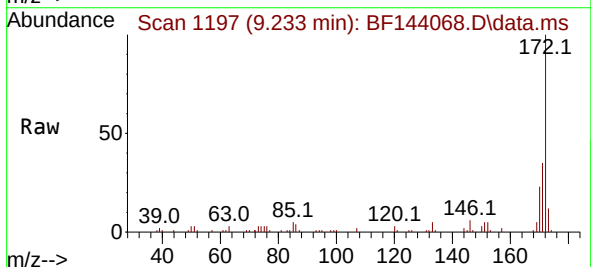
Instrument :
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 EO-02-10222025DL



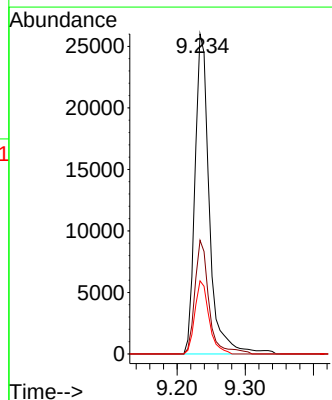
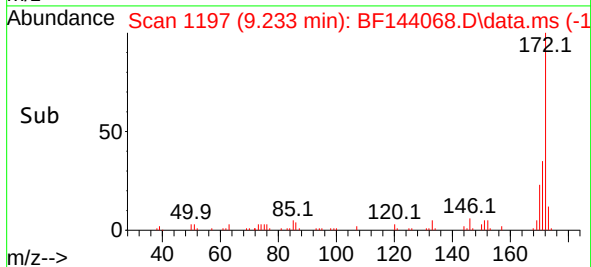
Tgt Ion:330 Resp: 8272
 Ion Ratio Lower Upper
 330 100
 332 87.6 77.0 115.6
 141 26.0 19.4 29.0

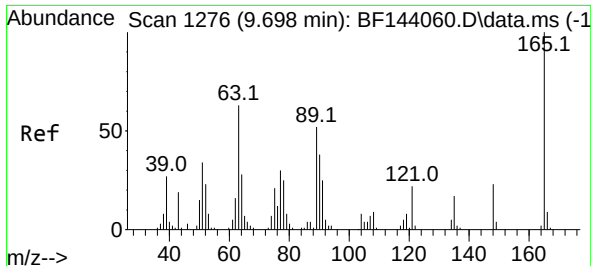


#45
 2-Fluorobiphenyl
 Concen: 2.149 ng
 RT: 9.233 min Scan# 1197
 Delta R.T. -0.006 min
 Lab File: BF144068.D
 Acq: 24 Oct 2025 18:48



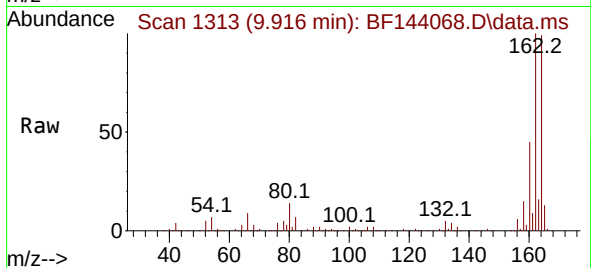
Tgt Ion:172 Resp: 37918
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.5 41.3
 170 22.9 19.0 28.6



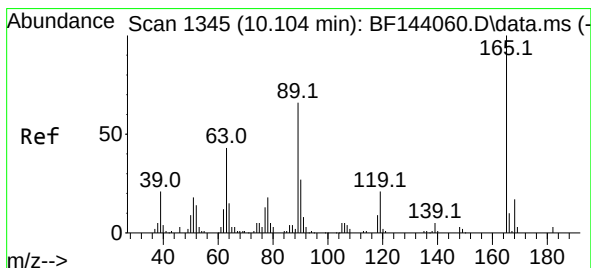
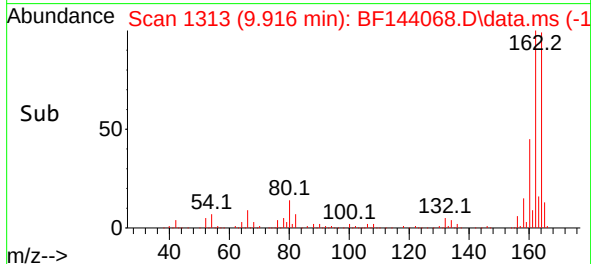
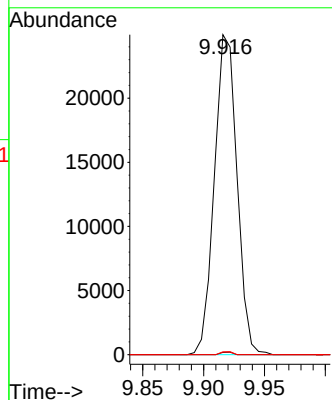


#51
2,6-Dinitrotoluene
Concen: 10.035 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF144068.D
Acq: 24 Oct 2025 18:48

Instrument :
BNA_F
ClientSampleId :
EO-02-10222025DL

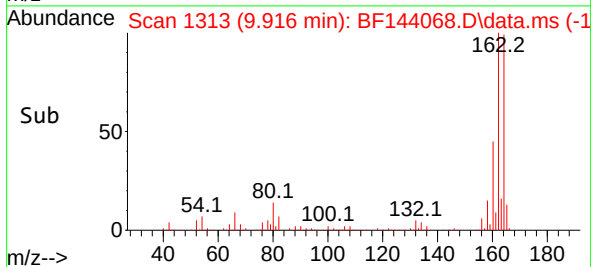
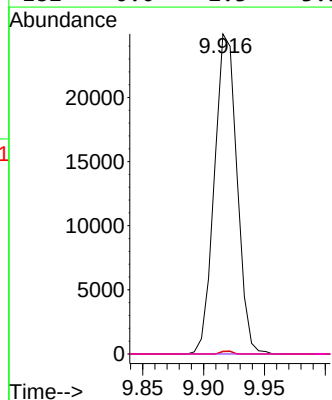
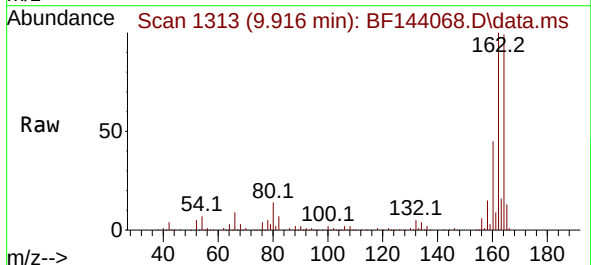


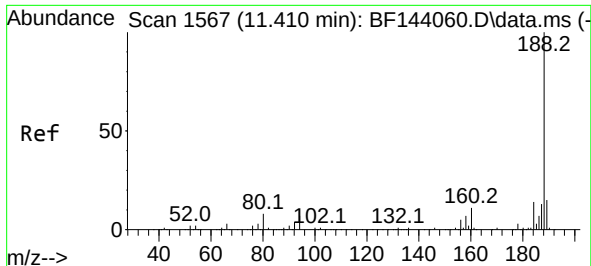
Tgt Ion:165 Resp: 32283
Ion Ratio Lower Upper
165 100
63 0.7 50.4 75.6#
89 0.9 41.4 62.2#



#57
2,4-Dinitrotoluene
Concen: 7.435 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF144068.D
Acq: 24 Oct 2025 18:48

Tgt Ion:165 Resp: 32283
Ion Ratio Lower Upper
165 100
63 0.7 35.4 53.2#
89 0.9 52.7 79.1#
182 0.0 2.3 3.5#

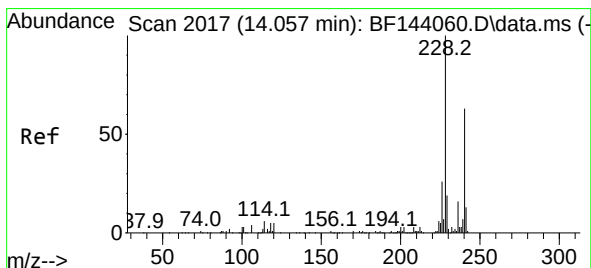
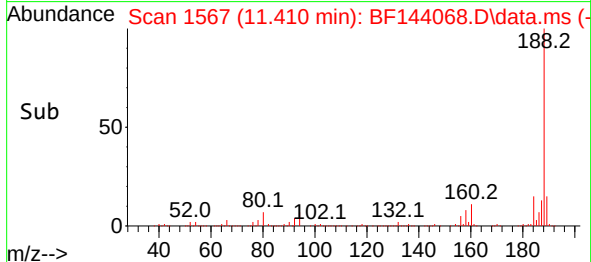
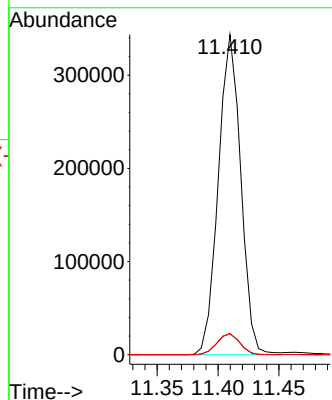
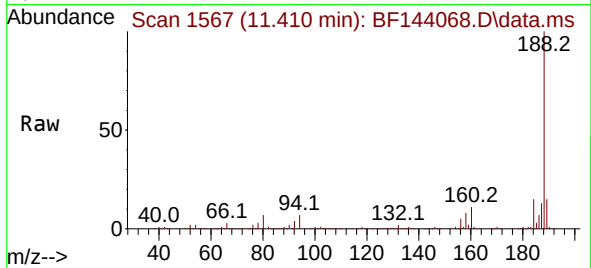




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144068.D
Acq: 24 Oct 2025 18:48

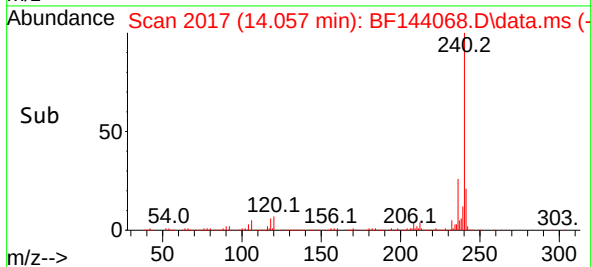
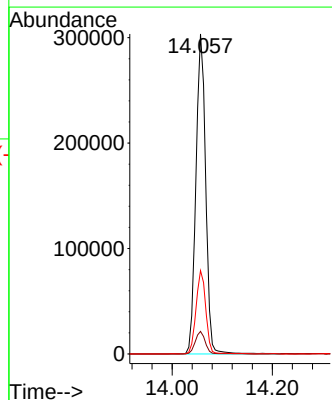
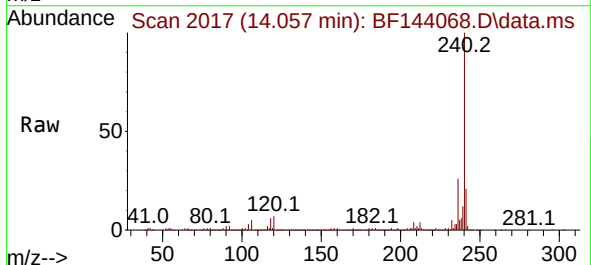
Instrument :
BNA_F
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EO-02-10222025DL

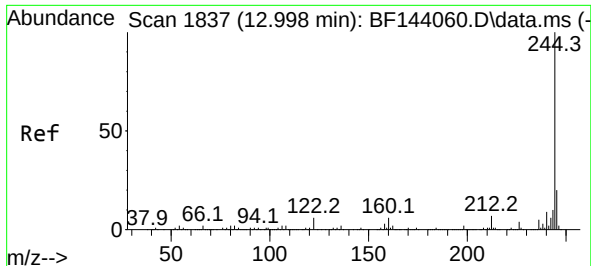
Tgt Ion:188 Resp: 441014
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 6.6 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144068.D
Acq: 24 Oct 2025 18:48

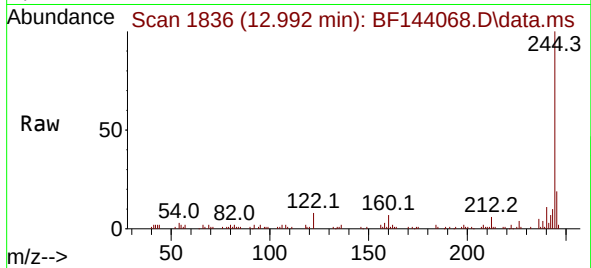
Tgt Ion:240 Resp: 409325
Ion Ratio Lower Upper
240 100
120 7.0 6.5 9.7
236 26.1 20.1 30.1



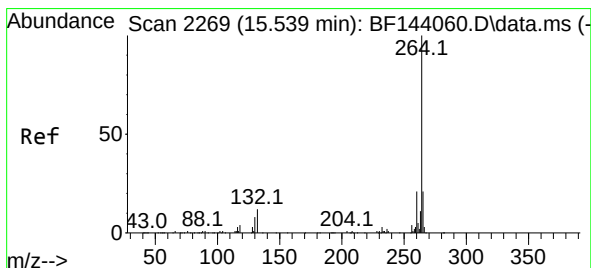
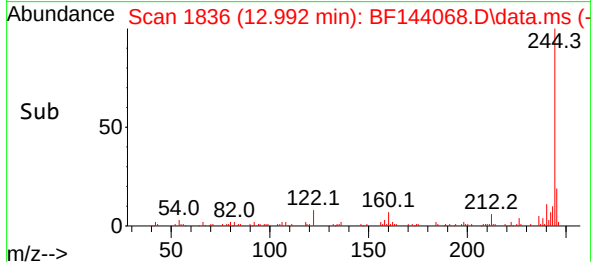
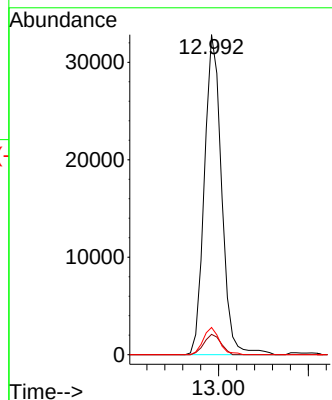


#79
 Terphenyl-d14
 Concen: 1.866 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF144068.D
 Acq: 24 Oct 2025 18:48

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-10222025DL



Tgt Ion:244 Resp: 43679
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 8.5 4.9 7.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.006 min
 Lab File: BF144068.D
 Acq: 24 Oct 2025 18:48

Tgt Ion:264 Resp: 521260
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.0 25.4
 265 21.2 16.6 24.8

