

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141381.D
 Acq On : 03 Feb 2025 20:51
 Operator : RC/JU
 Sample : Q1232-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-46.1-012925

Quant Time: Feb 04 00:19:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

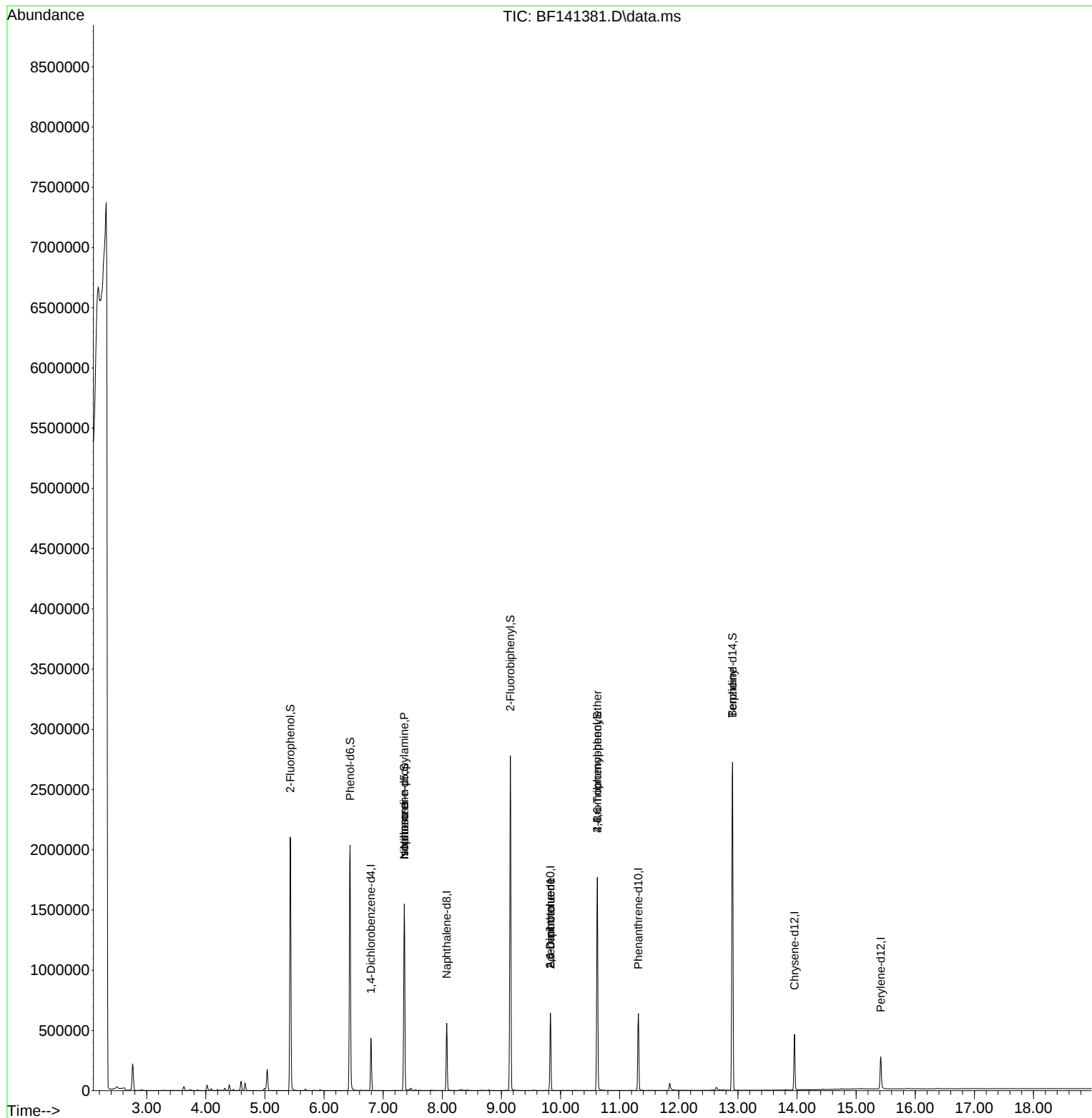
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	86900	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	344884	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	192037	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	317485	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	222096	20.000	ng	-0.02
86) Perylene-d12	15.415	264	159639	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	772200	136.419	ng	0.02
7) Phenol-d6	6.440	99	931469	129.355	ng	0.00
23) Nitrobenzene-d5	7.357	82	691440	105.689	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	287914	163.538	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1245472	99.825	ng	-0.01
79) Terphenyl-d14	12.910	244	1418553	98.501	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	95333	22.280	ng	# 75
25) Isophorone	7.357	82	686416	60.697	ng	# 64
51) 2,6-Dinitrotoluene	9.828	165	23897	7.935	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	23897	6.129	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	19688	5.539	ng	# 1
77) Benzidine	12.910	184	18302	2.570	ng	# 94

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

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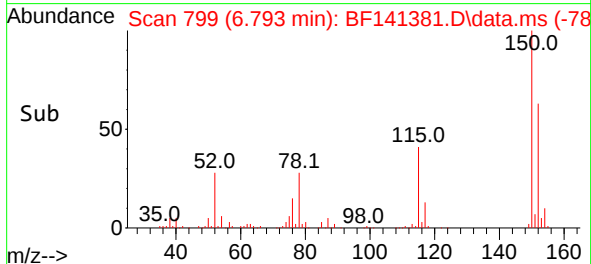
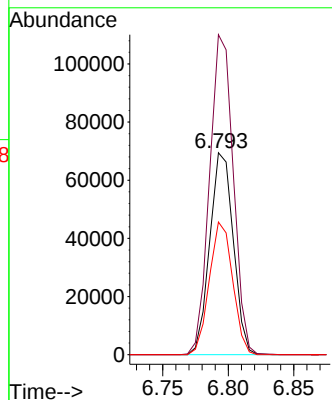
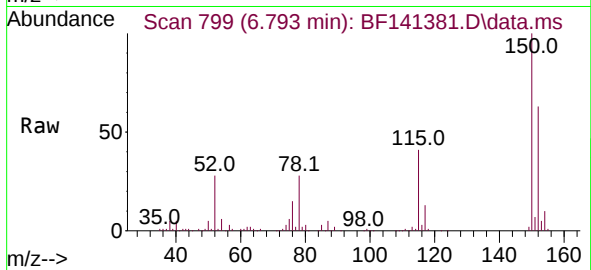




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

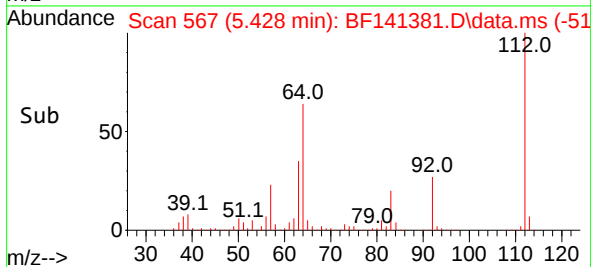
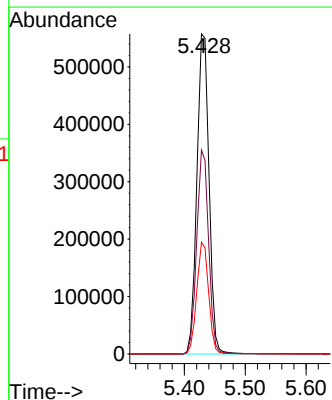
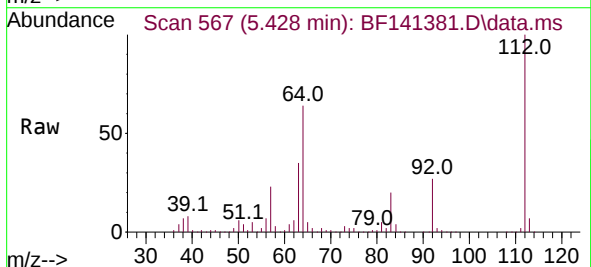
Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

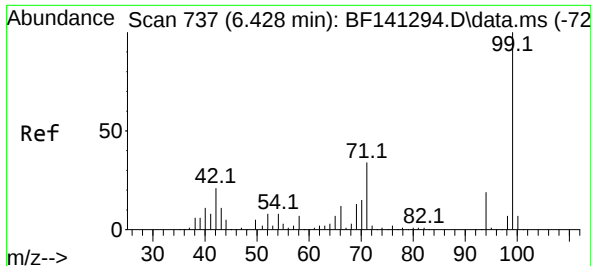
Tgt Ion:152 Resp: 86900
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 65.7 49.7 74.5



#5
2-Fluorophenol
Concen: 136.419 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

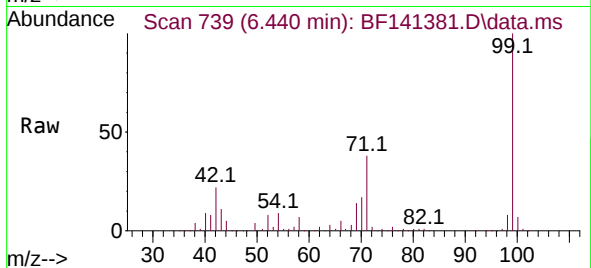
Tgt Ion:112 Resp: 772200
Ion Ratio Lower Upper
112 100
64 63.8 49.8 74.8
63 34.9 26.1 39.1





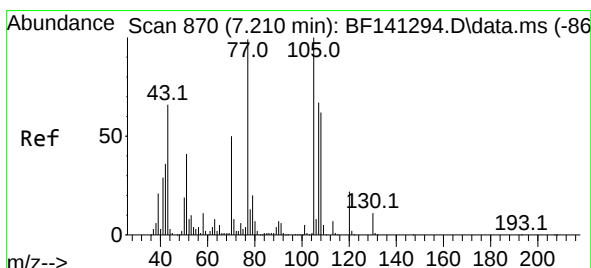
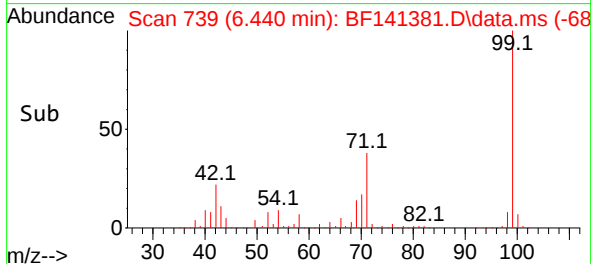
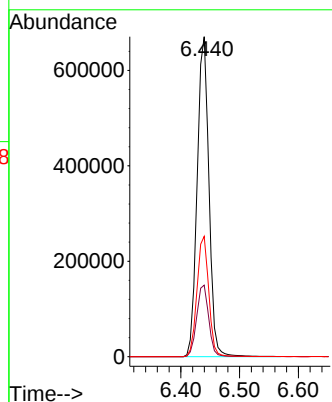
#7
Phenol-d6
Concen: 129.355 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925



Tgt Ion: 99 Resp: 931469

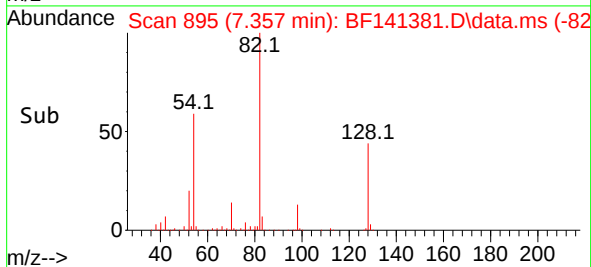
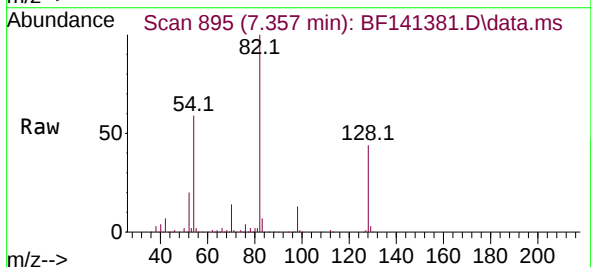
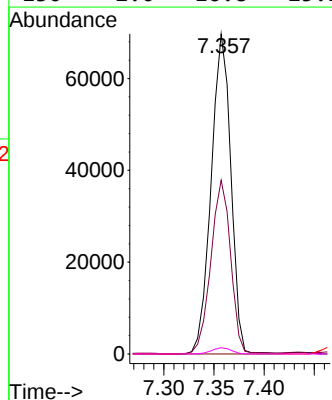
Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.1	25.7
71	37.6	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.280 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion: 70 Resp: 95333

Ion	Ratio	Lower	Upper
70	100		
42	54.3	56.8	85.2#
101	0.0	7.7	11.5#
130	2.0	16.8	25.2#



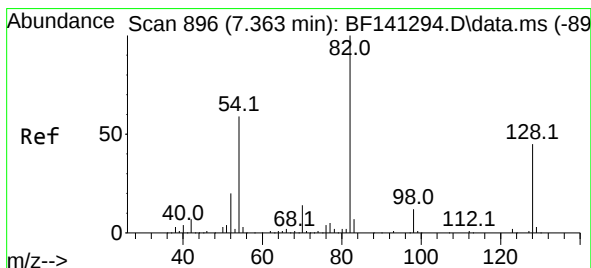
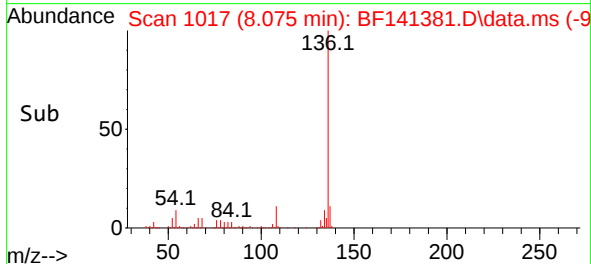
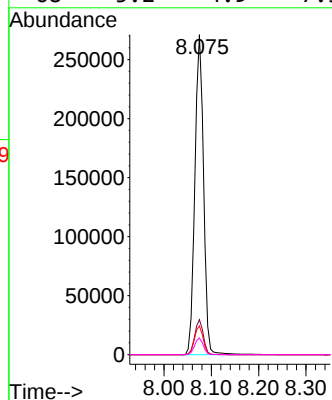
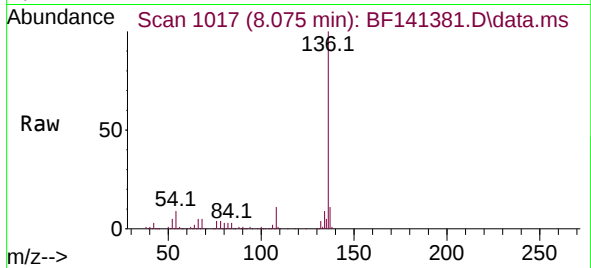


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:136 Resp: 344884

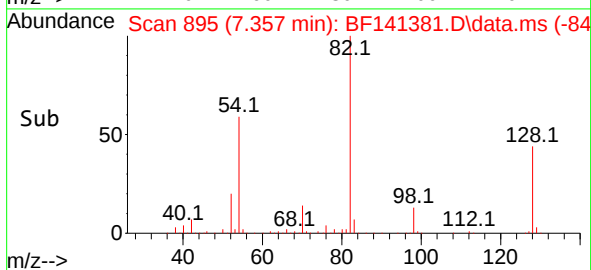
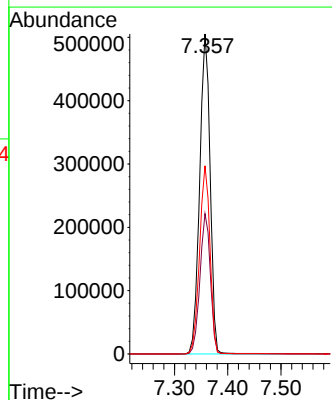
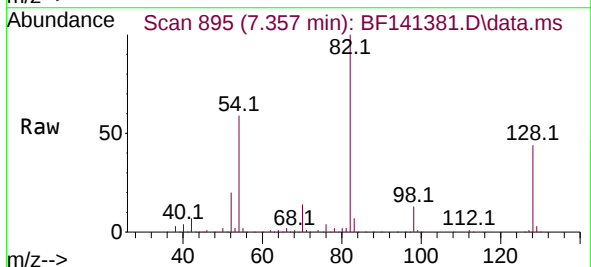
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.0	7.8	11.8
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 105.689 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion: 82 Resp: 691440

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.7	53.5
54	58.8	47.1	70.7

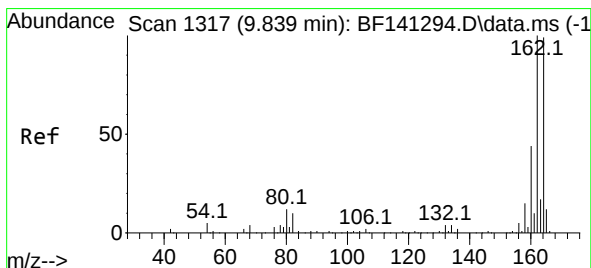
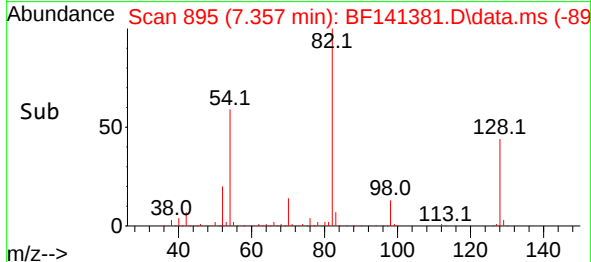
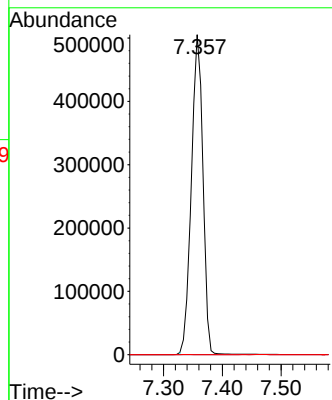
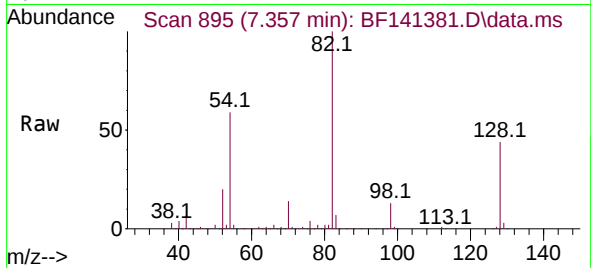




#25
Isophorone
Concen: 60.697 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

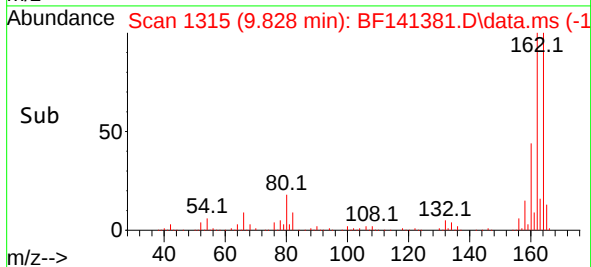
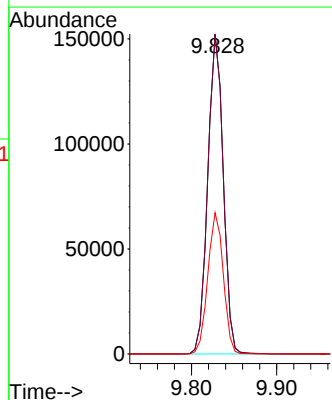
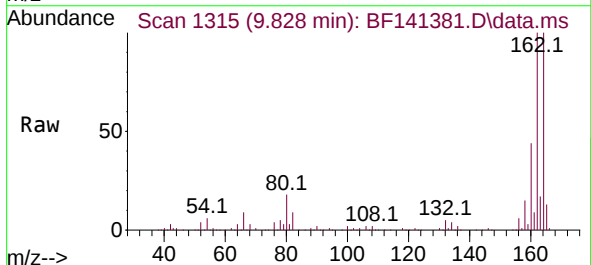
Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

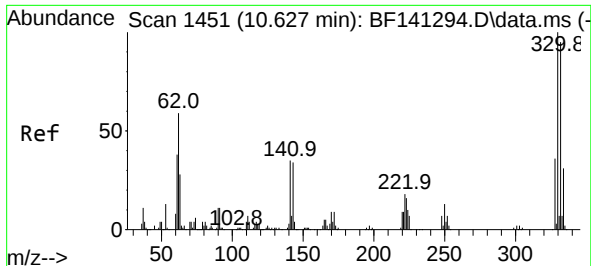
Tgt Ion: 82 Resp: 686416
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

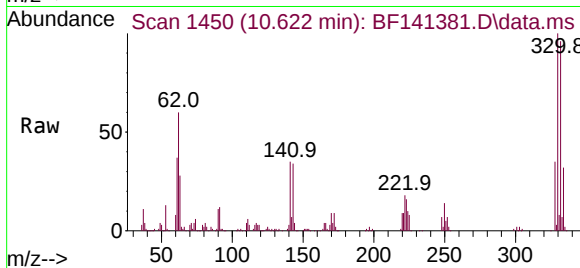
Tgt Ion:164 Resp: 192037
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 44.2 35.8 53.6



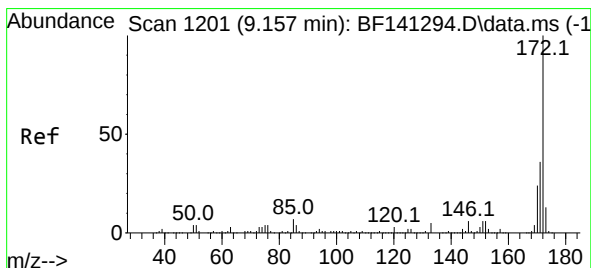
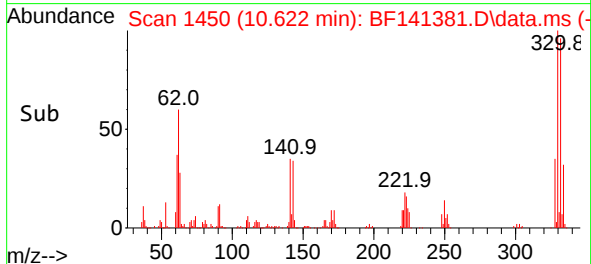
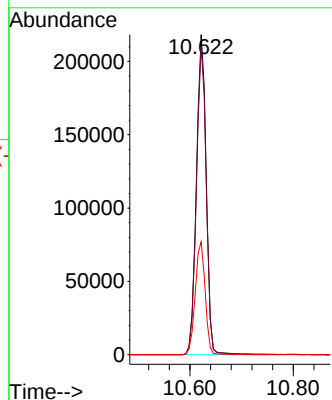


#42
2,4,6-Tribromophenol
Concen: 163.538 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

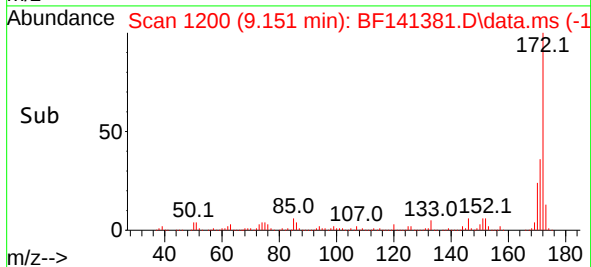
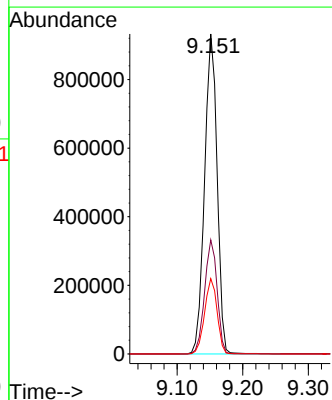
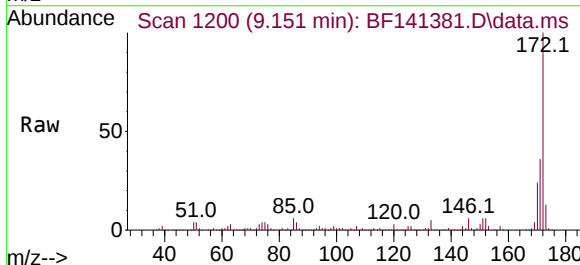


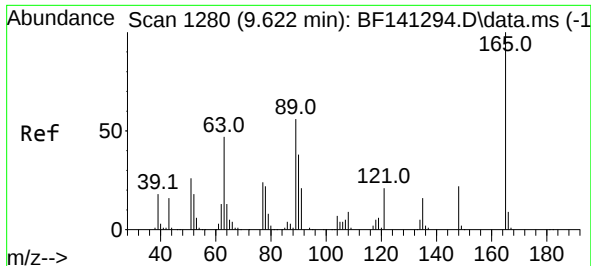
Tgt Ion:330 Resp: 287914
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 35.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 99.825 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion:172 Resp: 1245472
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.6 19.0 28.6

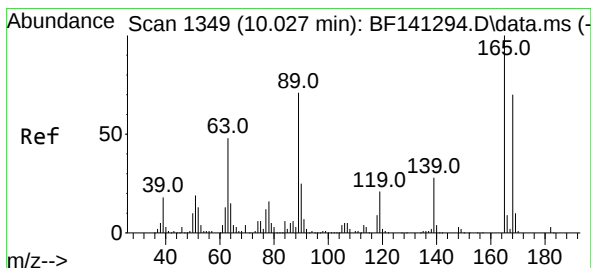
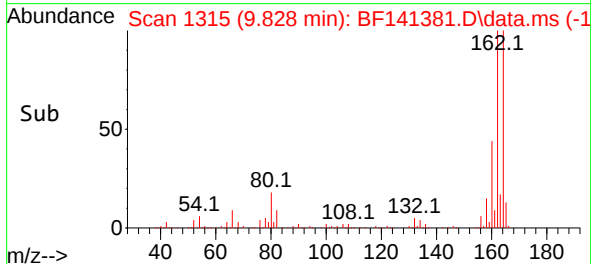
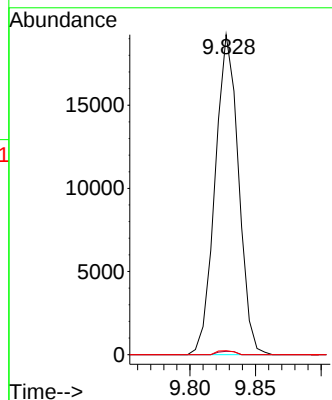
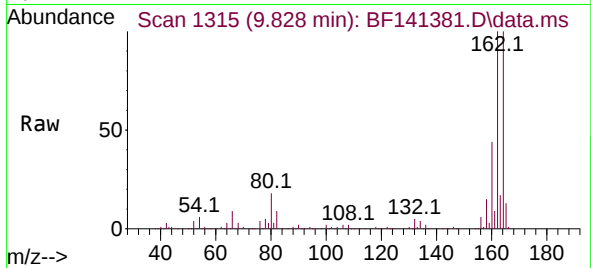




#51
2,6-Dinitrotoluene
Concen: 7.935 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

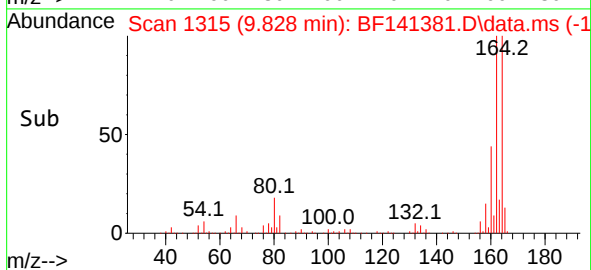
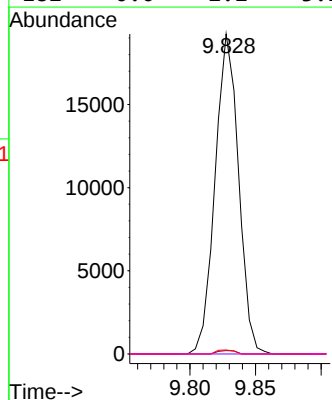
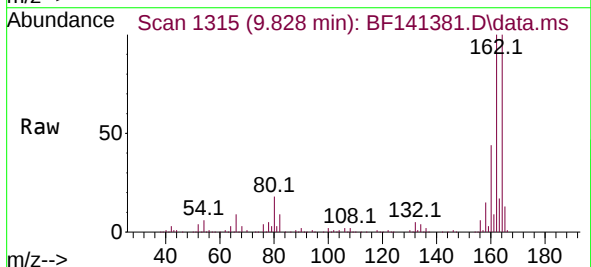
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BNA_F
ClientSampleId :
JPP-46.1-012925

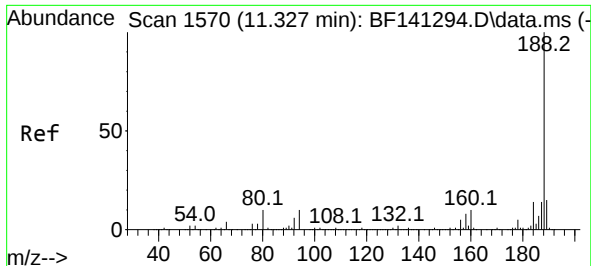
Tgt Ion:165 Resp: 23897
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 1.3 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.129 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion:165 Resp: 23897
Ion Ratio Lower Upper
165 100
63 1.1 39.2 58.8#
89 1.3 56.9 85.3#
182 0.0 2.2 3.2#

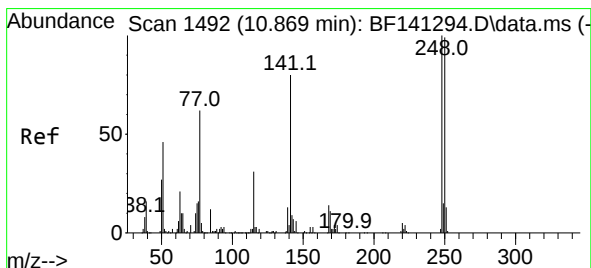
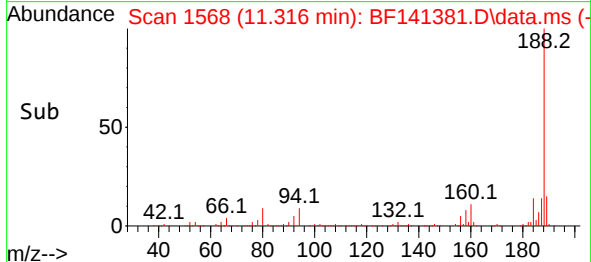
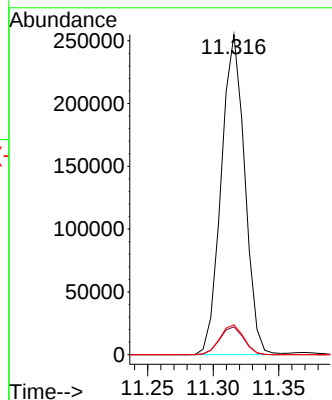
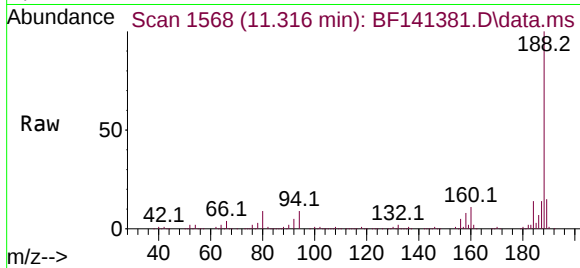




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

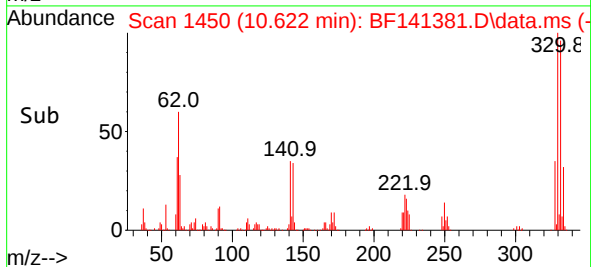
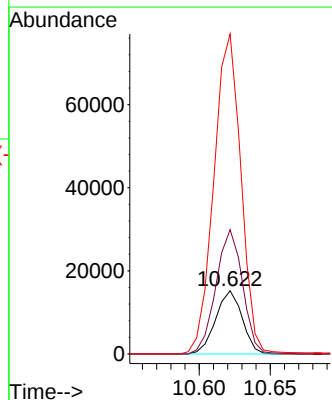
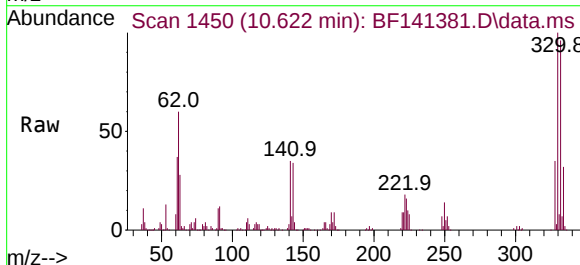
Instrument :
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JPP-46.1-012925

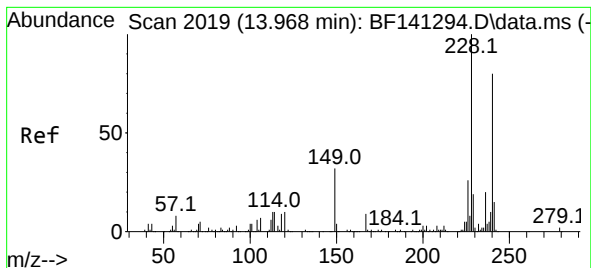
Tgt Ion:188 Resp: 317485
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.539 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion:248 Resp: 19688
Ion Ratio Lower Upper
248 100
250 196.8 79.0 118.4#
141 506.7 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141381.D

Acq: 03 Feb 2025 20:51

Instrument :

BNA_F

ClientSampleId :

JPP-46.1-012925

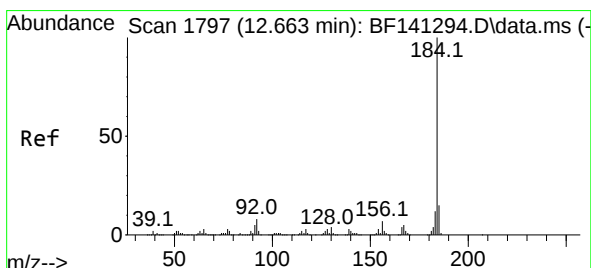
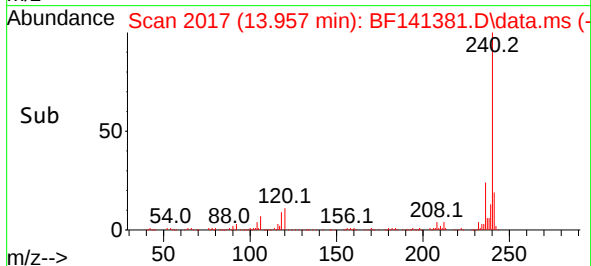
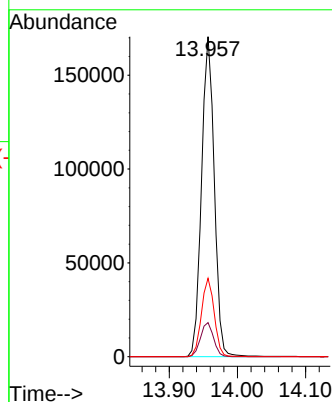
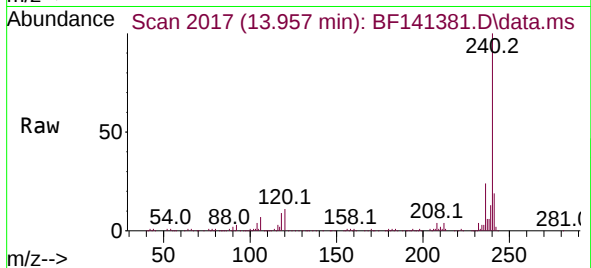
Tgt Ion:240 Resp: 222096

Ion Ratio Lower Upper

240 100

120 10.6 10.0 15.0

236 24.5 19.7 29.5



#77

Benzidine

Concen: 2.570 ng

RT: 12.910 min Scan# 1839

Delta R.T. 0.247 min

Lab File: BF141381.D

Acq: 03 Feb 2025 20:51

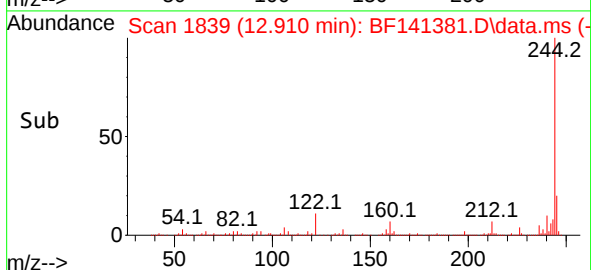
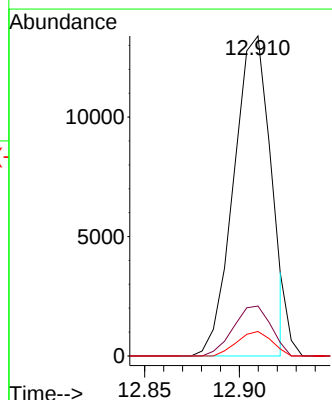
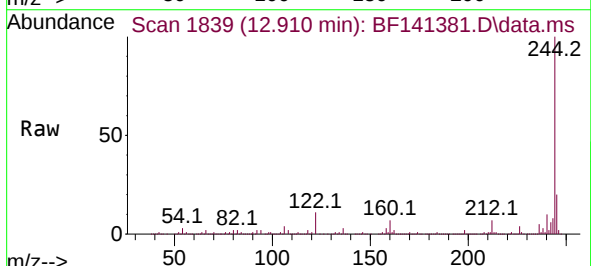
Tgt Ion:184 Resp: 18302

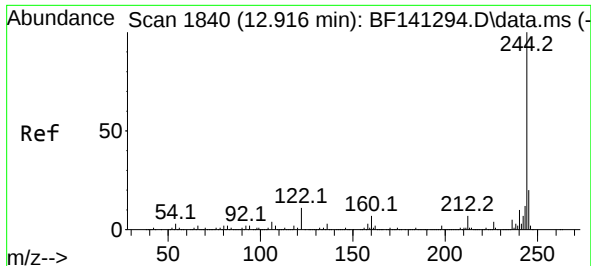
Ion Ratio Lower Upper

184 100

185 15.6 11.9 17.9

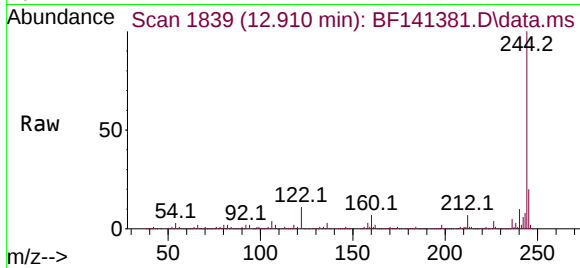
183 7.7 9.5 14.3#



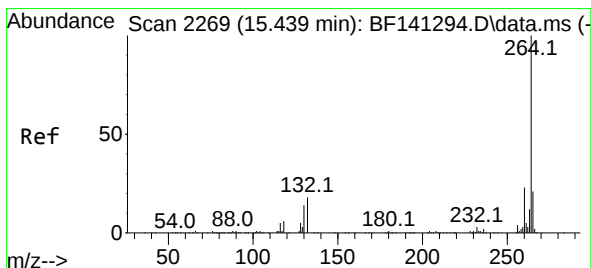
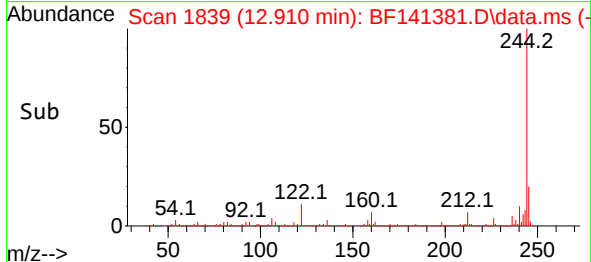
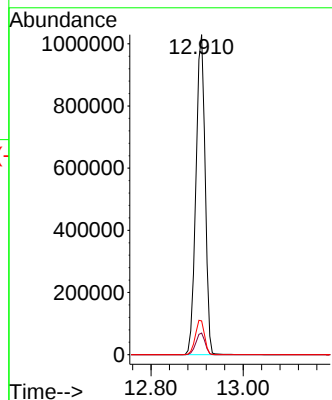


#79
Terphenyl-d14
Concen: 98.501 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925



Tgt Ion:244 Resp: 1418553
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.6 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. -0.024 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion:264 Resp: 159639
Ion Ratio Lower Upper
264 100
260 22.5 18.6 27.8
265 21.6 16.7 25.1

