

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141368.D
 Acq On : 03 Feb 2025 14:34
 Operator : RC/JU
 Sample : Q1239-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 286

Quant Time: Feb 03 15:20:38 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)

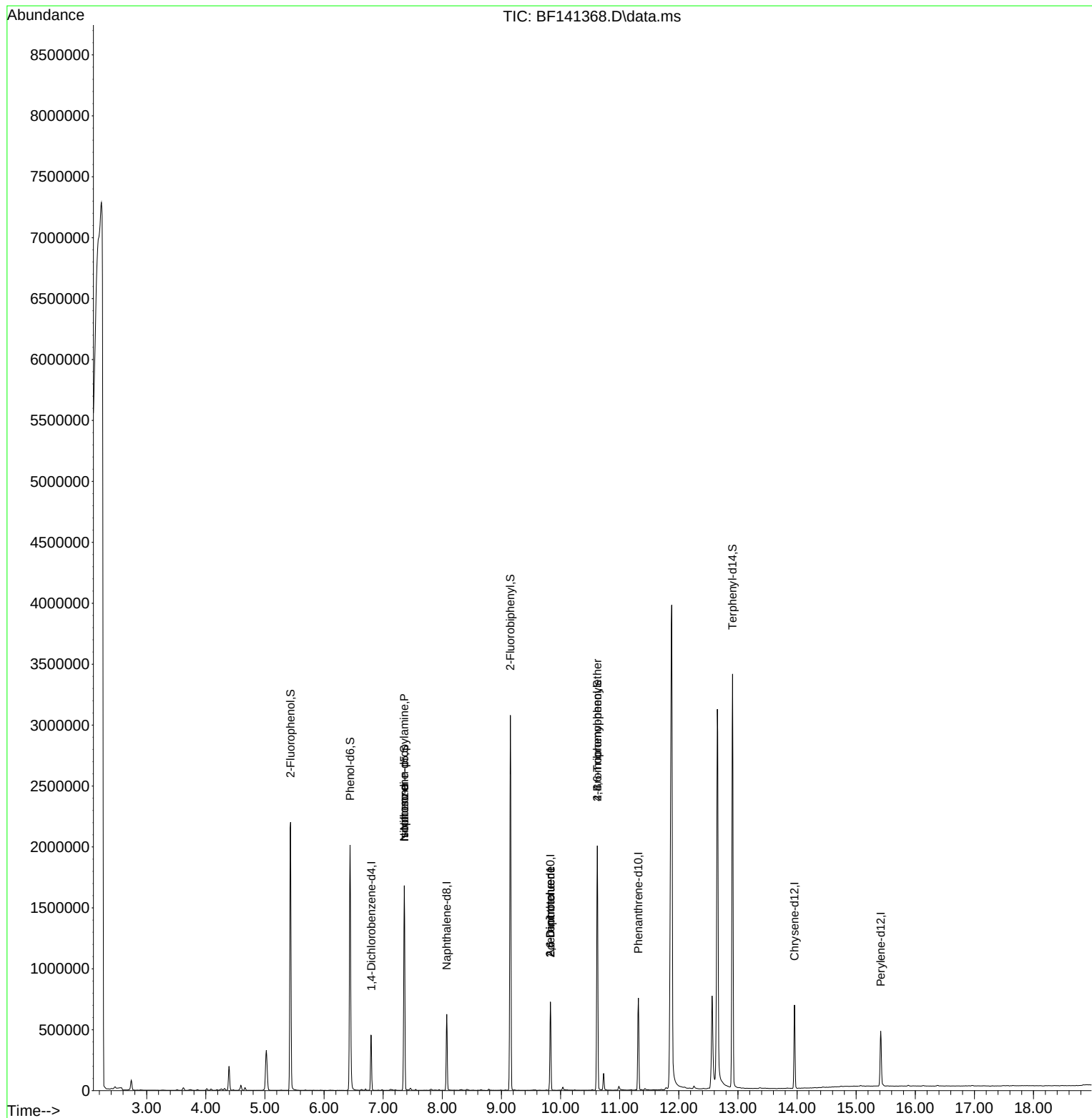
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	92071	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	378920	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	211723	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	378442	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	319636	20.000	ng	-0.02
86) Perylene-d12	15.416	264	258933	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	811584	135.324	ng	0.02
7) Phenol-d6	6.440	99	967275	126.783	ng	0.00
23) Nitrobenzene-d5	7.357	82	749643	104.293	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	329170	169.587	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1371061	99.674	ng	-0.01
79) Terphenyl-d14	12.910	244	1725156	83.236	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	102733	22.661	ng	# 76
25) Isophorone	7.357	82	743737	59.858	ng	# 64
51) 2,6-Dinitrotoluene	9.828	165	26668	8.032	ng	# 24
57) 2,4-Dinitrotoluene	9.828	165	26668	6.204	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	22869	5.398	ng	# 1

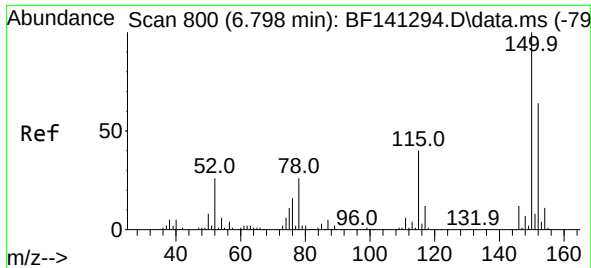
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 03 15:20:38 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

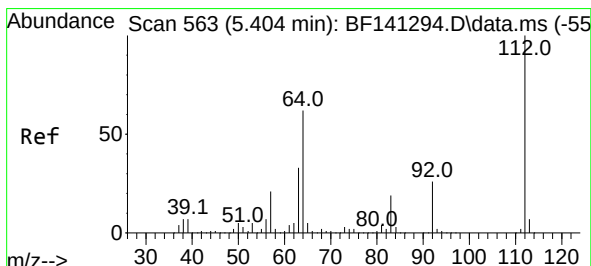
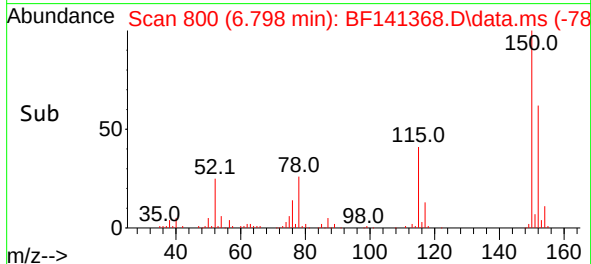
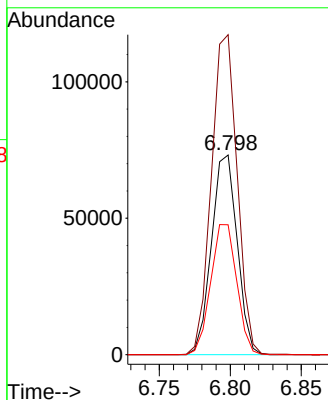
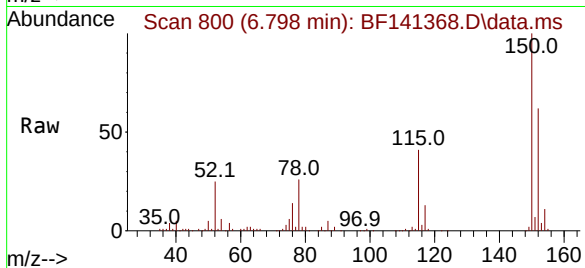




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141368.D
 Acq: 03 Feb 2025 14:34

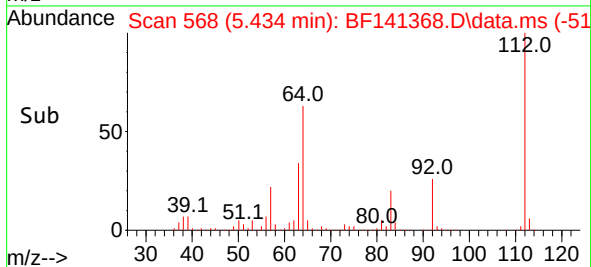
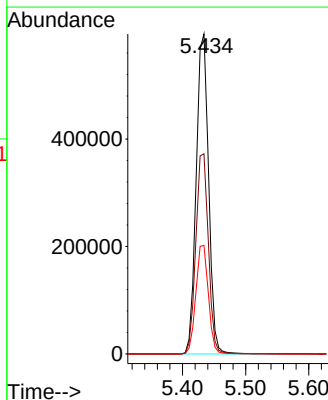
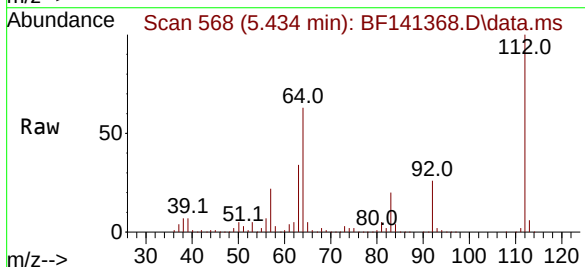
Instrument :
 BNA_F
 ClientSampleId :
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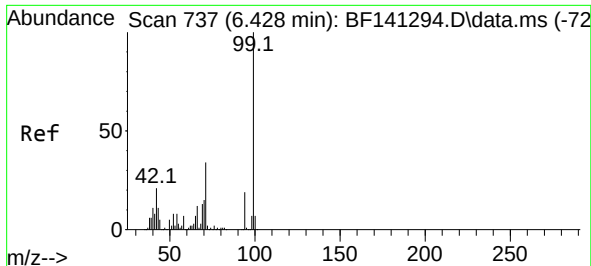
Tgt Ion:152 Resp: 92071
 Ion Ratio Lower Upper
 152 100
 150 160.2 125.9 188.9
 115 65.0 49.7 74.5



#5
 2-Fluorophenol
 Concen: 135.324 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.024 min
 Lab File: BF141368.D
 Acq: 03 Feb 2025 14:34

Tgt Ion:112 Resp: 811584
 Ion Ratio Lower Upper
 112 100
 64 62.5 49.8 74.8
 63 33.9 26.1 39.1





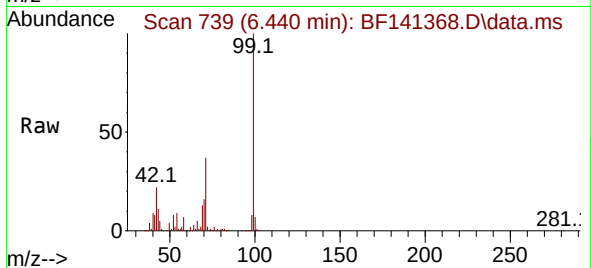
#7
Phenol-d6
Concen: 126.783 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141368.D
Acq: 03 Feb 2025 14:34

Instrument :

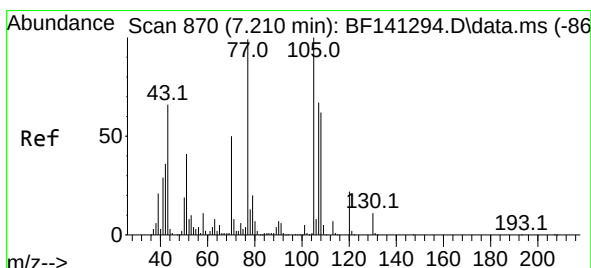
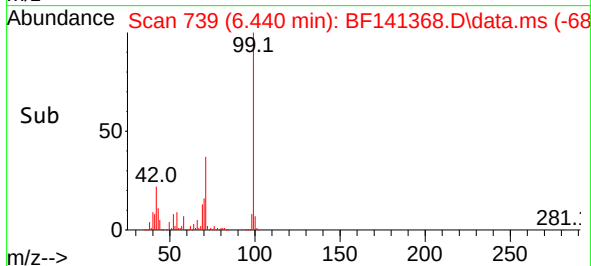
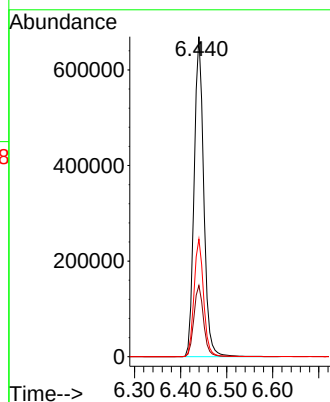
BNA_F

ClientSampleId :

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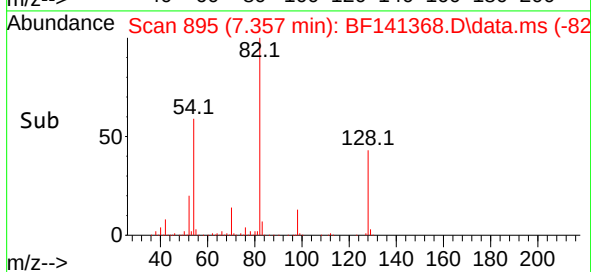
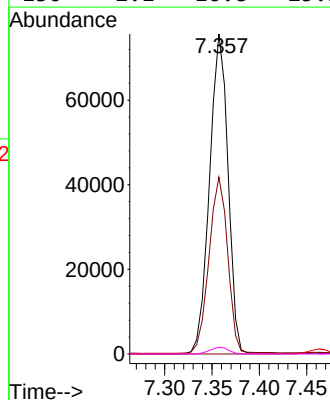
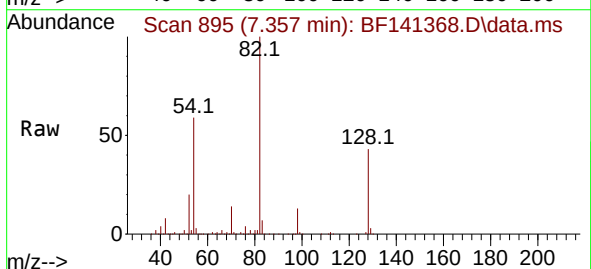


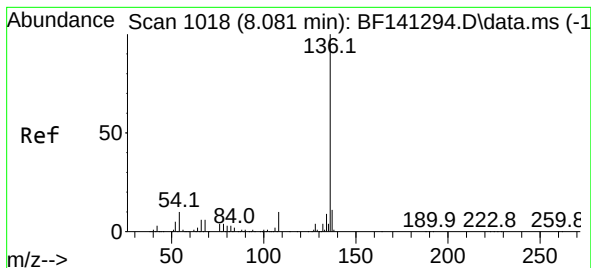
Tgt Ion: 99 Resp: 967275
Ion Ratio Lower Upper
99 100
42 22.3 17.1 25.7
71 36.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.661 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141368.D
Acq: 03 Feb 2025 14:34

Tgt Ion: 70 Resp: 102733
Ion Ratio Lower Upper
70 100
42 55.3 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF141368.D

Acq: 03 Feb 2025 14:34

Instrument :

BNA_F

ClientSampleId :

286

Tgt Ion:136 Resp: 378920

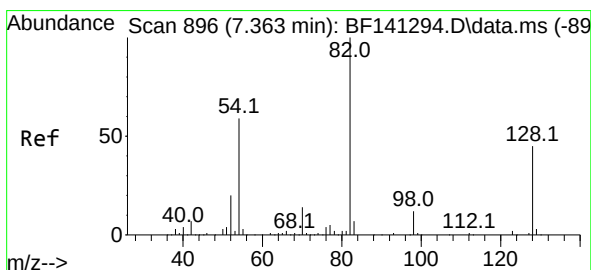
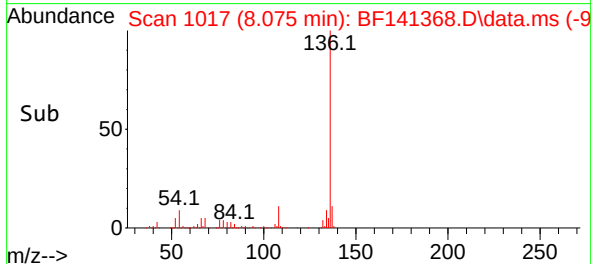
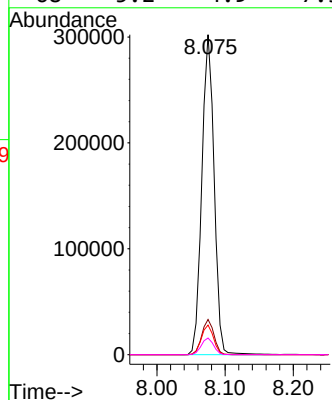
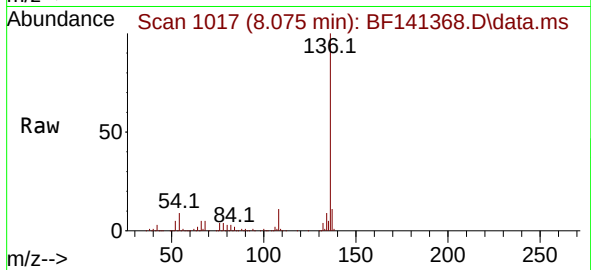
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.2 7.8 11.8

68 5.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 104.293 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141368.D

Acq: 03 Feb 2025 14:34

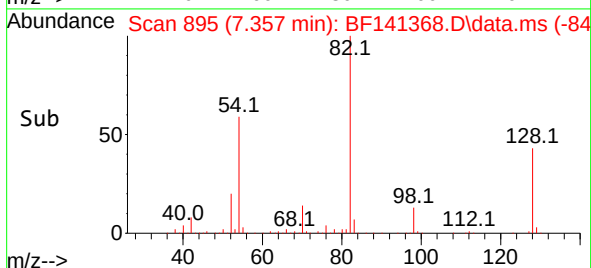
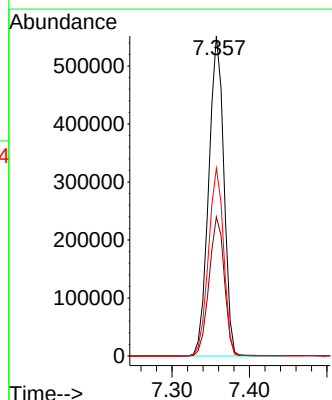
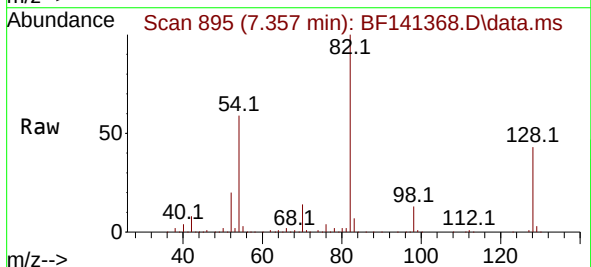
Tgt Ion: 82 Resp: 749643

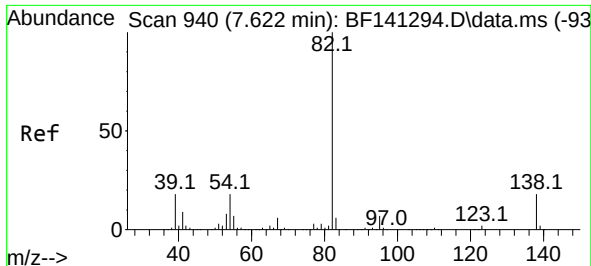
Ion Ratio Lower Upper

82 100

128 43.5 35.7 53.5

54 58.7 47.1 70.7

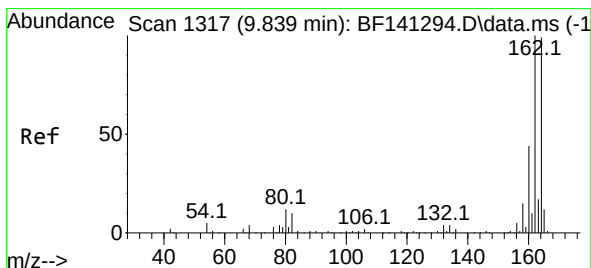
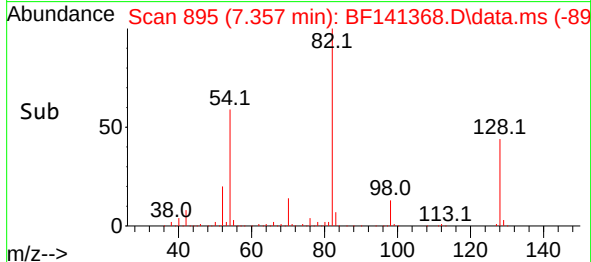
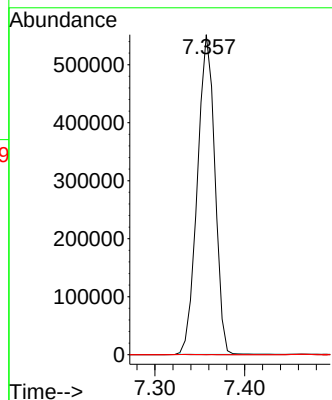
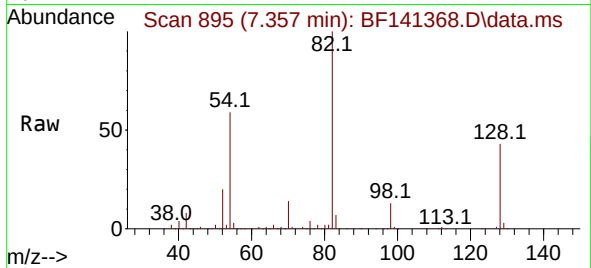




#25
Isophorone
Concen: 59.858 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141368.D
Acq: 03 Feb 2025 14:34

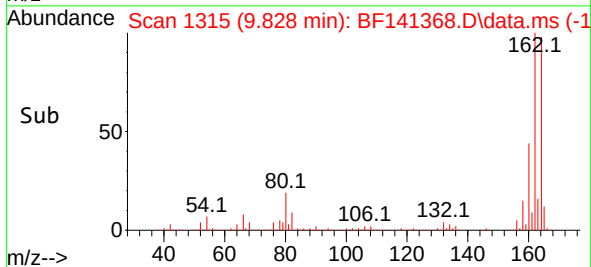
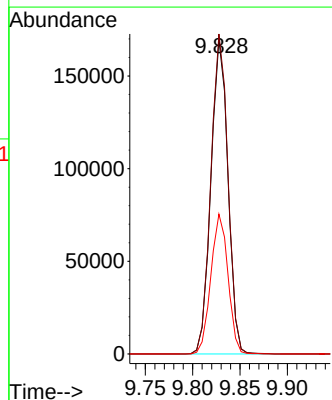
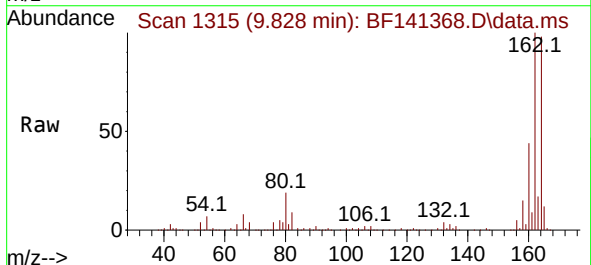
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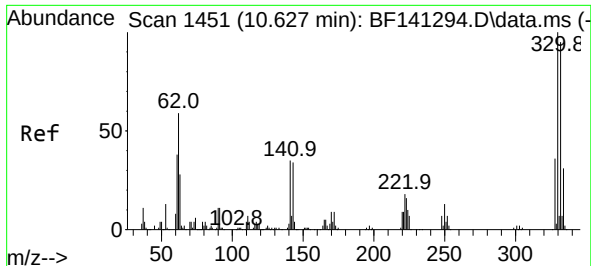
Tgt Ion: 82 Resp: 743737
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141368.D
Acq: 03 Feb 2025 14:34

Tgt Ion: 164 Resp: 211723
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 44.5 35.8 53.6

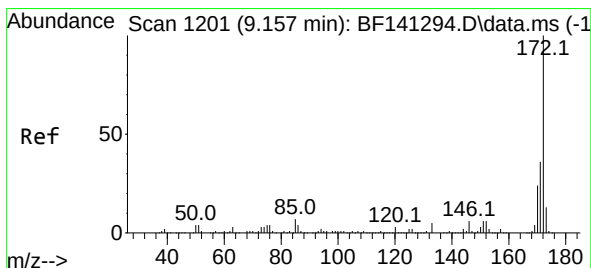
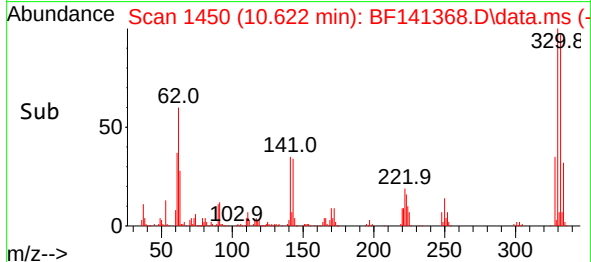
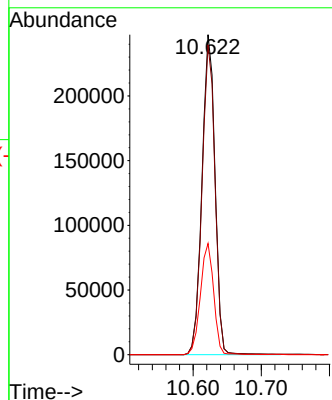
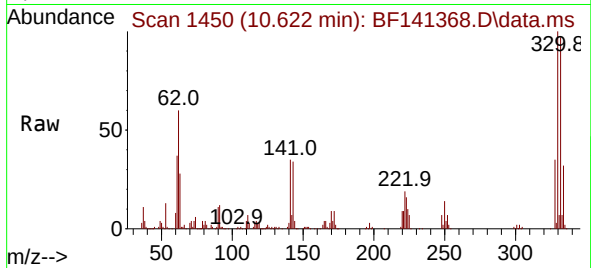




#42
2,4,6-Tribromophenol
Concen: 169.587 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141368.D
Acq: 03 Feb 2025 14:34

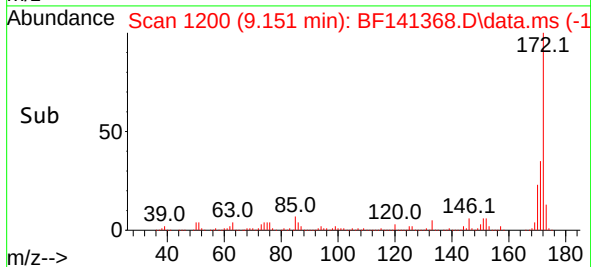
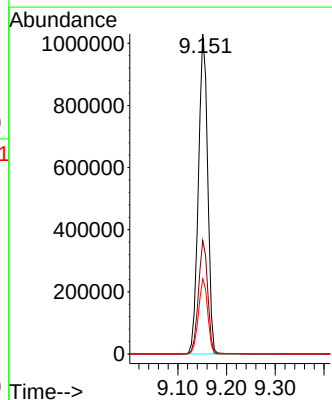
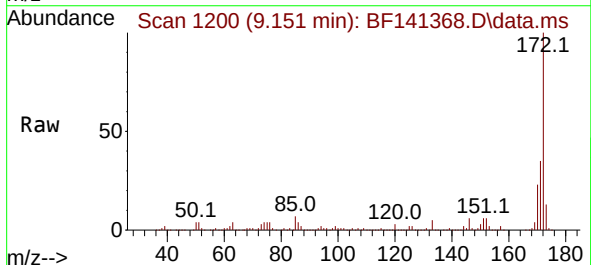
Instrument :
BNA_F
ClientSampleId :
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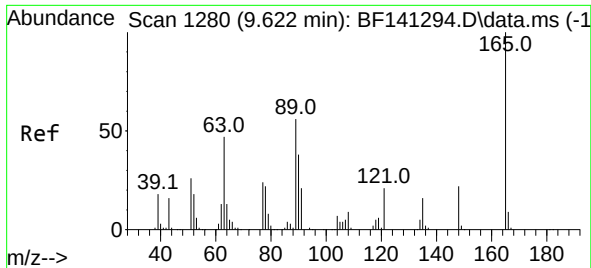
Tgt Ion:330 Resp: 329170
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 35.3 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 99.674 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141368.D
Acq: 03 Feb 2025 14:34

Tgt Ion:172 Resp: 1371061
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.4 19.0 28.6

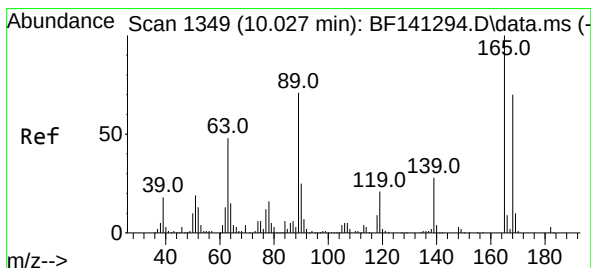
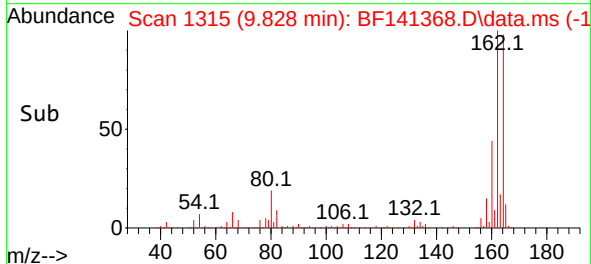
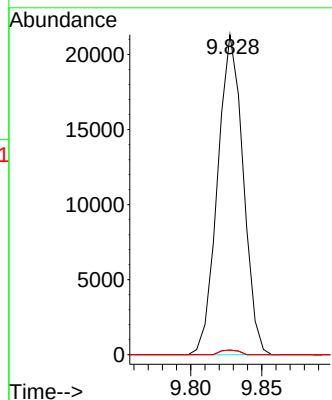
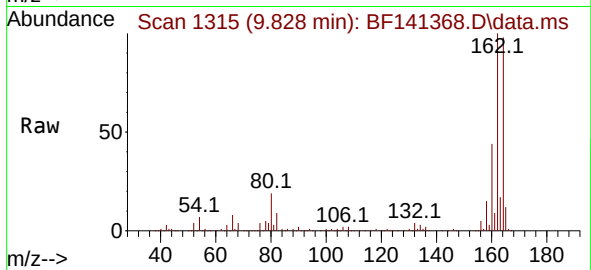




#51
2,6-Dinitrotoluene
Concen: 8.032 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141368.D
Acq: 03 Feb 2025 14:34

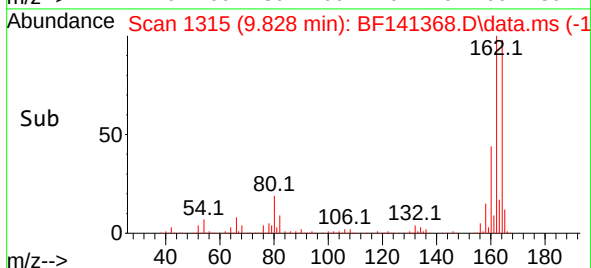
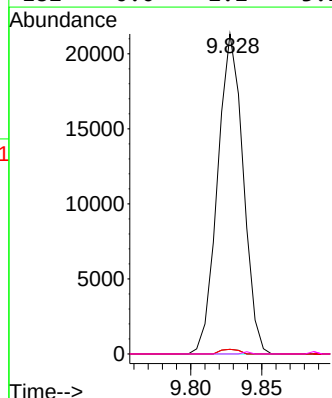
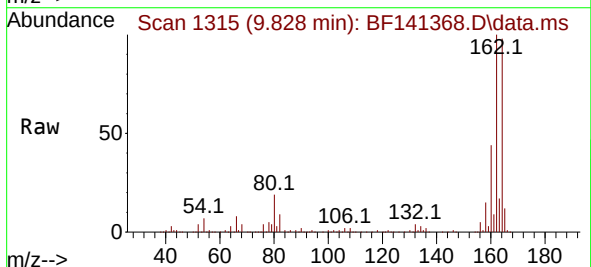
Instrument :
BNA_F
ClientSampleId :
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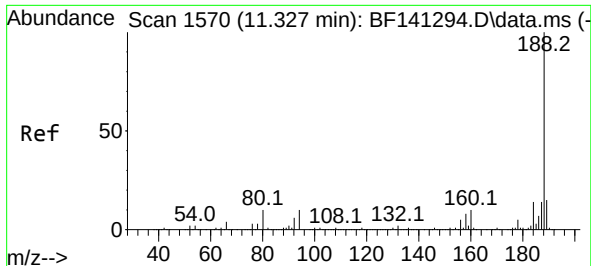
Tgt Ion:165 Resp: 26668
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 1.5 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.204 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF141368.D
Acq: 03 Feb 2025 14:34

Tgt Ion:165 Resp: 26668
Ion Ratio Lower Upper
165 100
63 1.4 39.2 58.8#
89 1.5 56.9 85.3#
182 0.0 2.2 3.2#

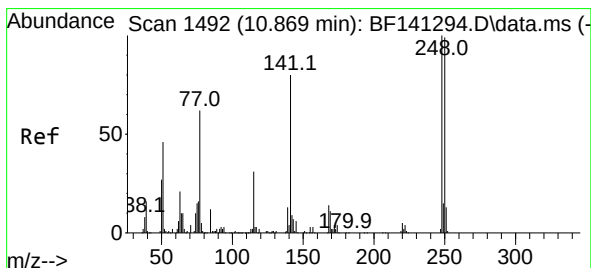
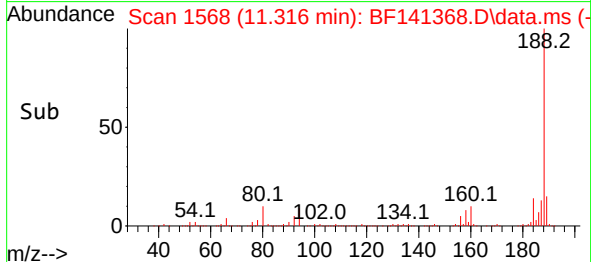
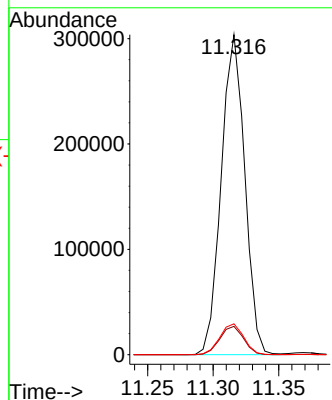
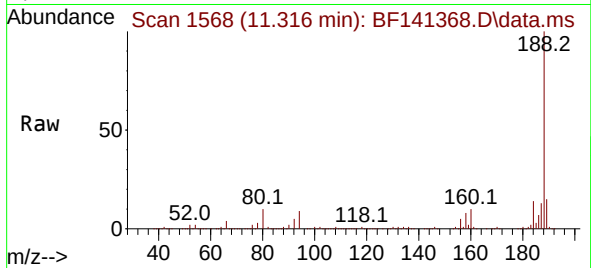




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141368.D
Acq: 03 Feb 2025 14:34

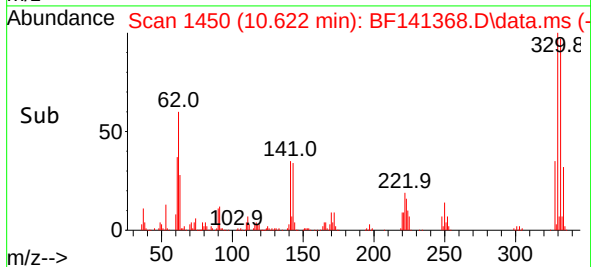
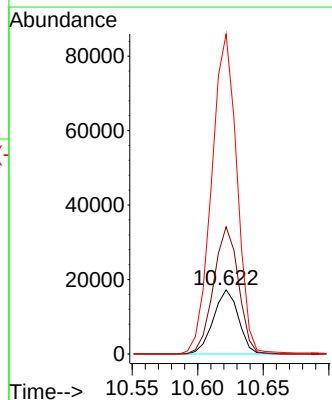
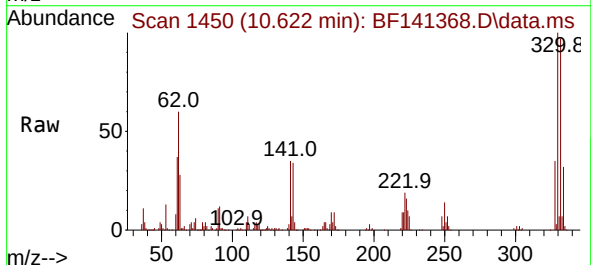
Instrument :
BNA_F
ClientSampleId :
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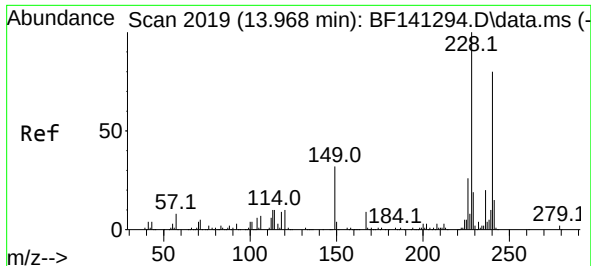
Tgt Ion:188 Resp: 378442
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 9.7 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.398 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF141368.D
Acq: 03 Feb 2025 14:34

Tgt Ion:248 Resp: 22869
Ion Ratio Lower Upper
248 100
250 198.3 79.0 118.4#
141 499.1 63.7 95.5#

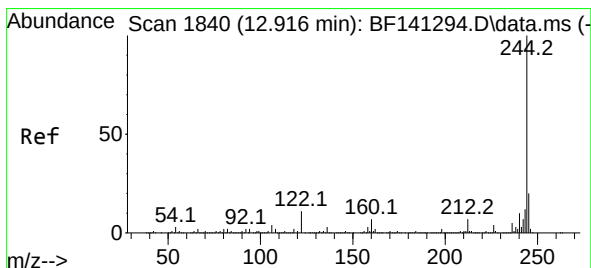
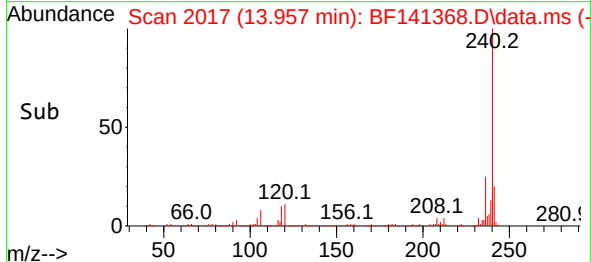
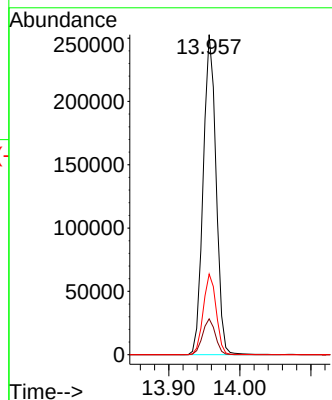
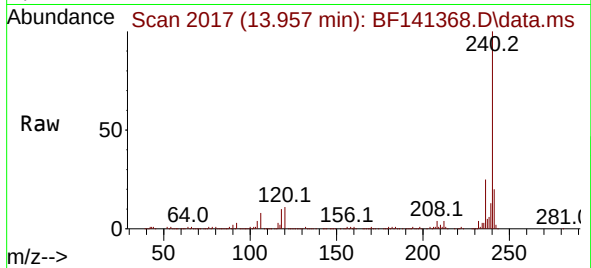




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF141368.D
Acq: 03 Feb 2025 14:34

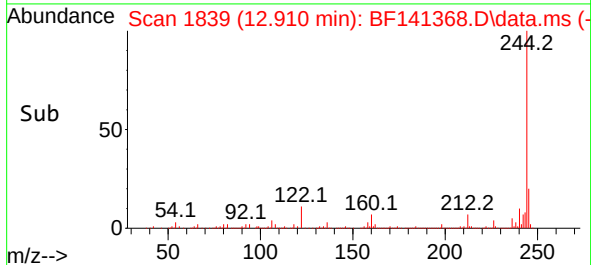
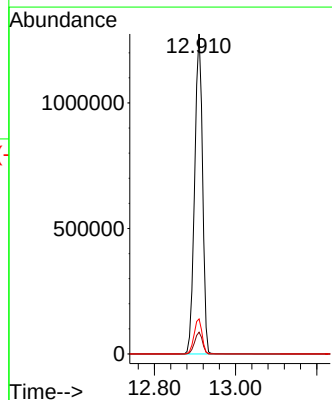
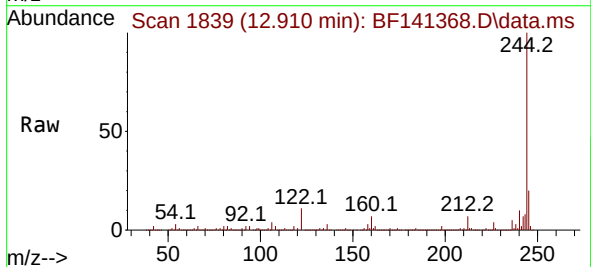
Instrument :
BNA_F
ClientSampleId :
286

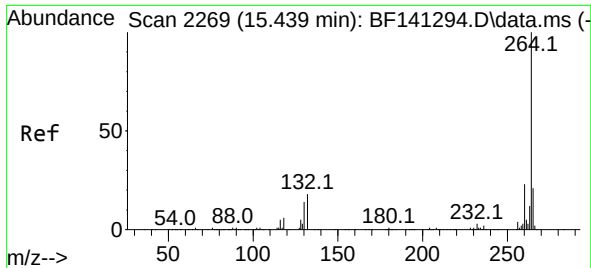
Tgt Ion:240 Resp: 319636
Ion Ratio Lower Upper
240 100
120 11.2 10.0 15.0
236 25.2 19.7 29.5



#79
Terphenyl-d14
Concen: 83.236 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141368.D
Acq: 03 Feb 2025 14:34

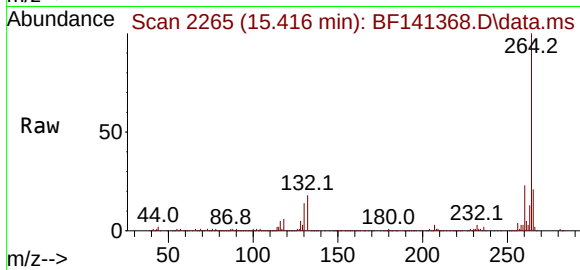
Tgt Ion:244 Resp: 1725156
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.0 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF141368.D
 Acq: 03 Feb 2025 14:34

Instrument :
 BNA_F
 ClientSampleId :
 286



Tgt Ion:264 Resp: 258933
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.0 16.7 25.1

