

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139934.D
 Acq On : 22 Oct 2024 17:58
 Operator : RC/JU
 Sample : P4443-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OG-315-HR-502-COMP-29

Quant Time: Oct 22 18:52:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

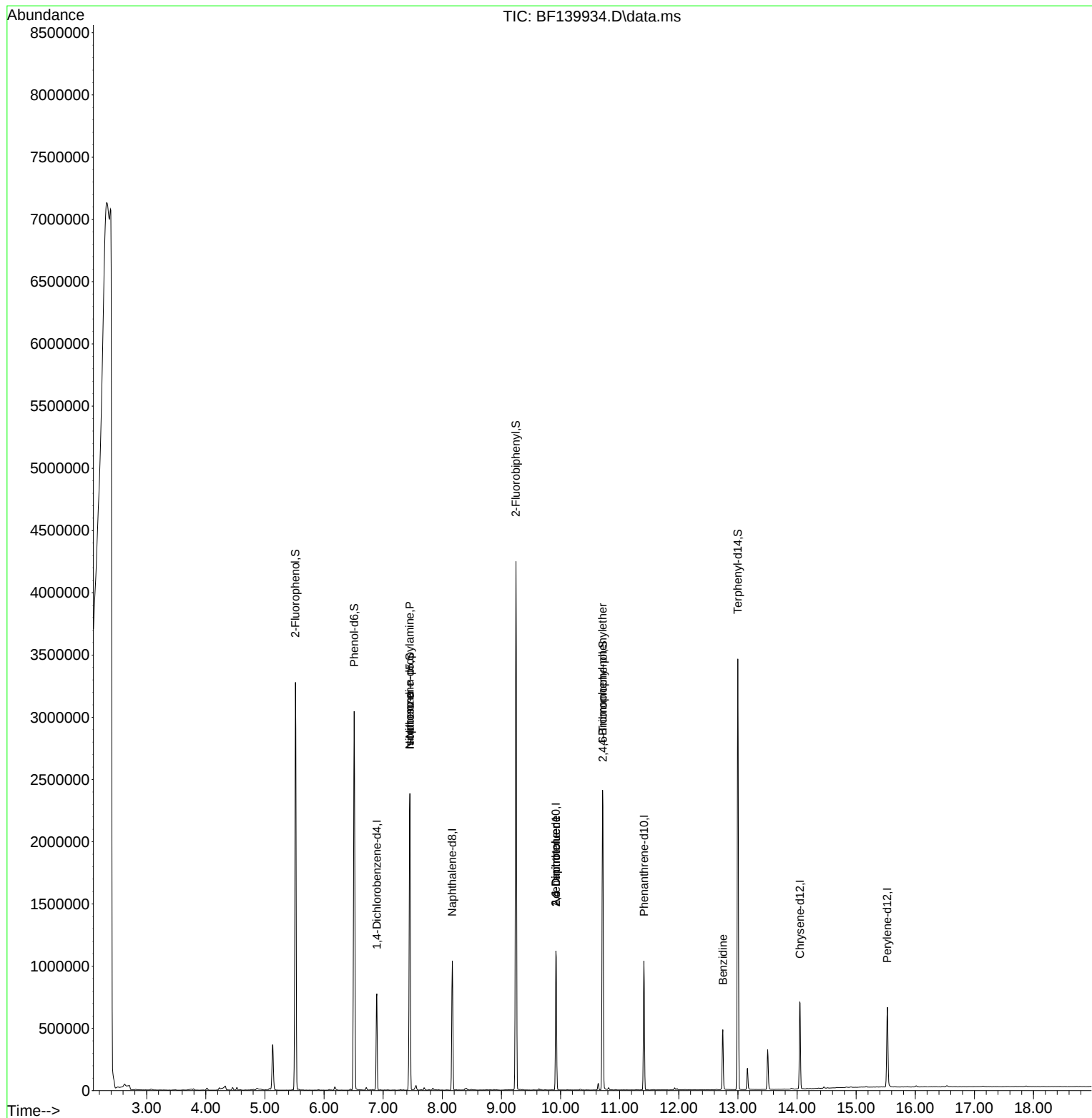
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	159946	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	617451	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	338141	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	530553	20.000	ng	0.00
76) Chrysene-d12	14.051	240	336688	20.000	ng	0.00
86) Perylene-d12	15.527	264	373899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1278019	125.087	ng	0.02
7) Phenol-d6	6.510	99	1523942	115.165	ng	0.00
23) Nitrobenzene-d5	7.451	82	1101445	98.868	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	439116	138.835	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1891968	92.472	ng	0.00
79) Terphenyl-d14	12.998	244	1738028	84.116	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	150464	18.748	ng	Qvalue 76
25) Isophorone	7.451	82	1098858	51.968	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	44315	9.717	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	44315	7.902	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	28356	5.188	ng	# 1
77) Benzidine	12.745	184	258098	46.619	ng	99

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

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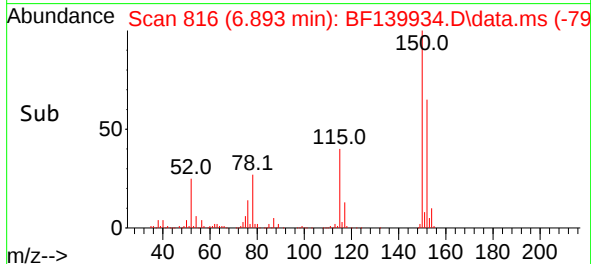
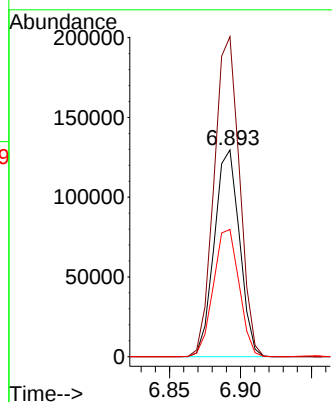
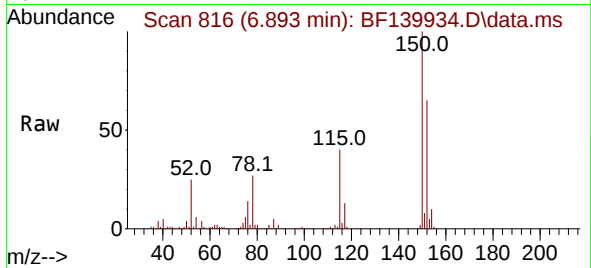




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139934.D
Acq: 22 Oct 2024 17:58

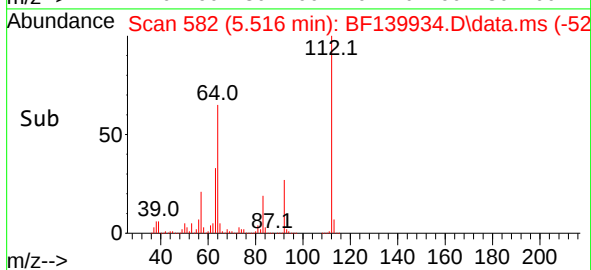
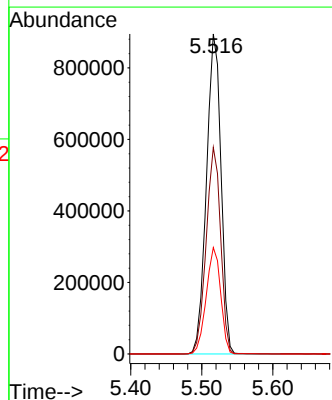
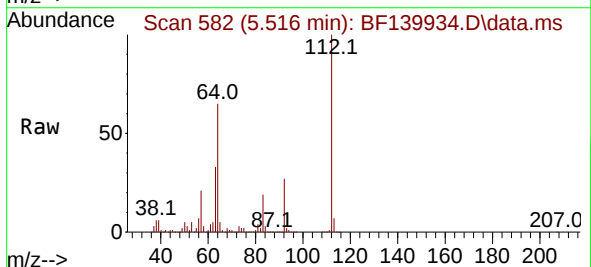
Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-29

Tgt Ion:152 Resp: 159946
Ion Ratio Lower Upper
152 100
150 154.8 130.2 195.2
115 61.5 51.4 77.2



#5
2-Fluorophenol
Concen: 125.087 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139934.D
Acq: 22 Oct 2024 17:58

Tgt Ion:112 Resp: 1278019
Ion Ratio Lower Upper
112 100
64 64.5 53.0 79.6
63 33.2 27.0 40.4

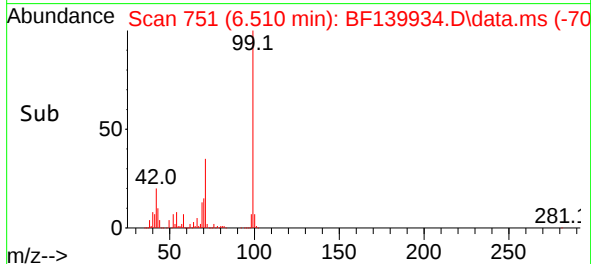
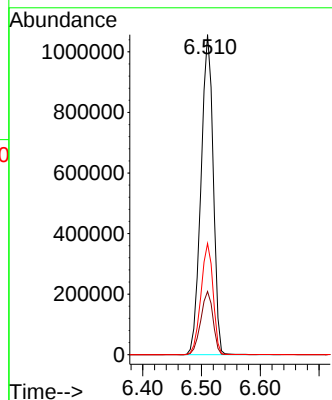
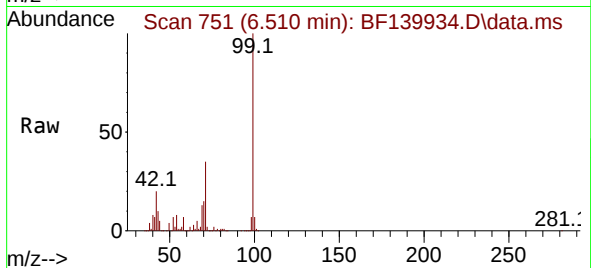




#7
Phenol-d6
Concen: 115.165 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139934.D
Acq: 22 Oct 2024 17:58

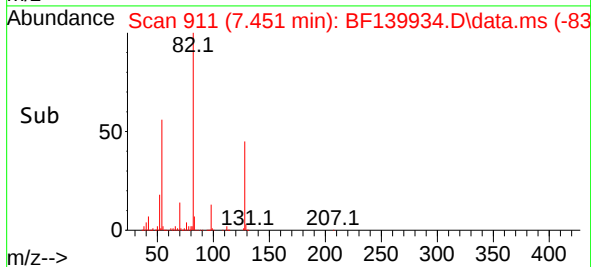
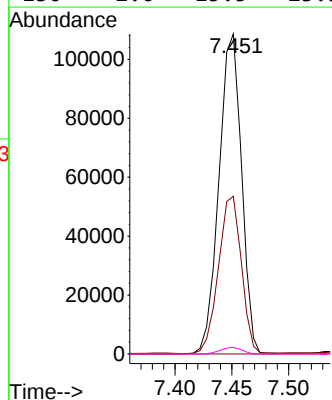
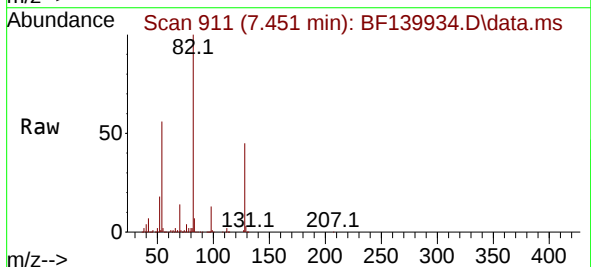
Instrument :
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ClientSampleId :
OG-315-HR-502-COMP-29

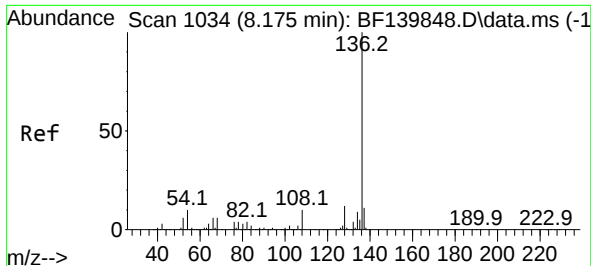
Tgt Ion: 99 Resp: 1523942
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 34.7 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.748 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139934.D
Acq: 22 Oct 2024 17:58

Tgt Ion: 70 Resp: 150464
Ion Ratio Lower Upper
70 100
42 49.3 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



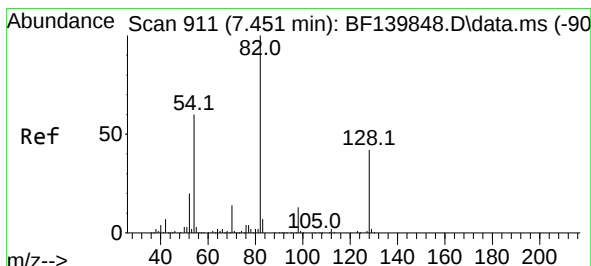
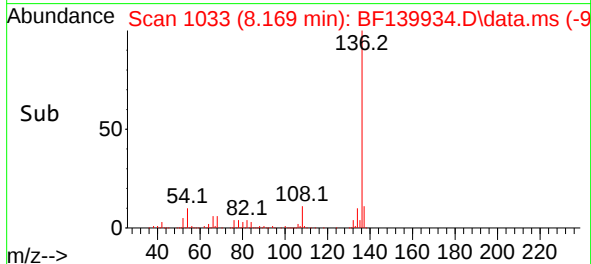
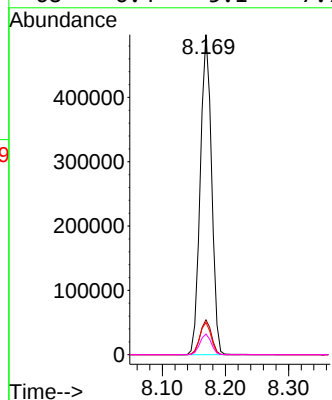
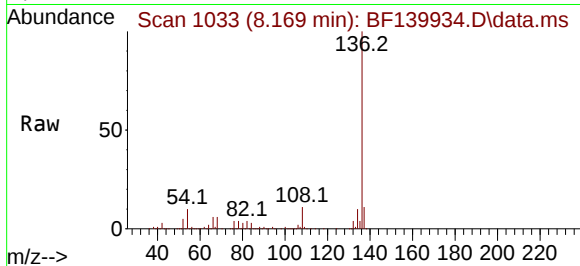


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139934.D
Acq: 22 Oct 2024 17:58

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-29

Tgt Ion:136 Resp: 617451

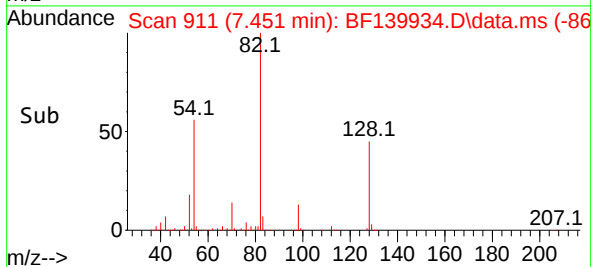
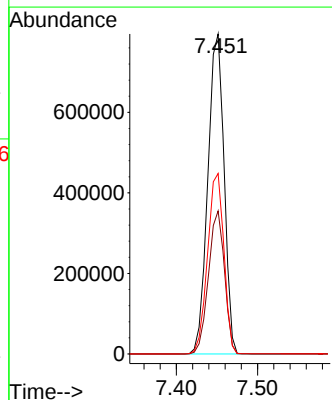
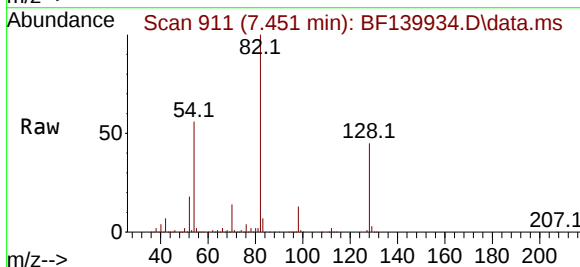
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.0	8.4	12.6
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 98.868 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139934.D
Acq: 22 Oct 2024 17:58

Tgt Ion: 82 Resp: 1101445

Ion	Ratio	Lower	Upper
82	100		
128	44.7	33.4	50.0
54	56.4	47.8	71.8

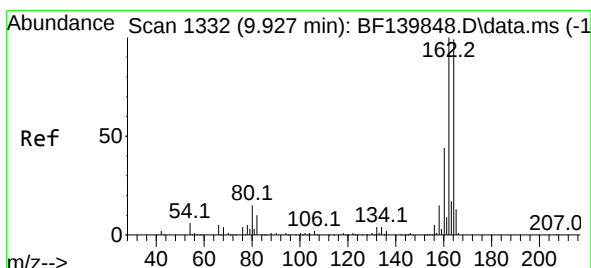
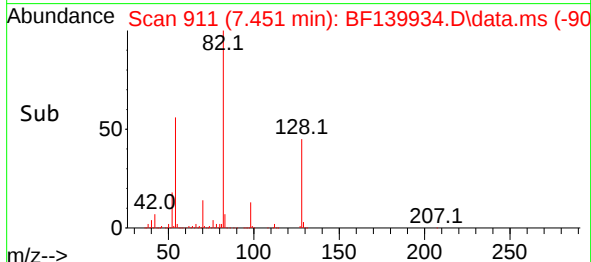
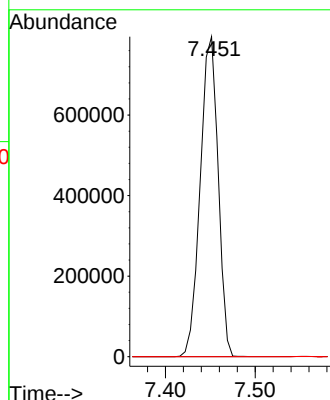
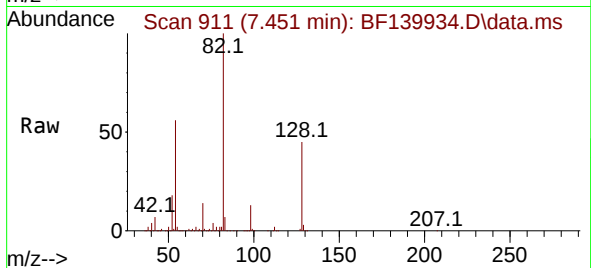




#25
Isophorone
Concen: 51.968 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139934.D
Acq: 22 Oct 2024 17:58

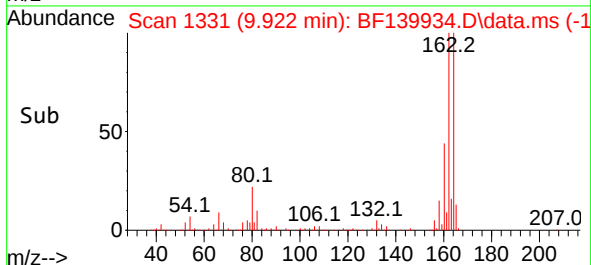
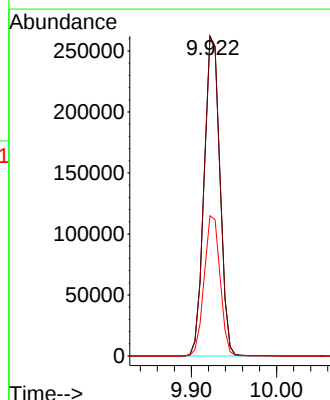
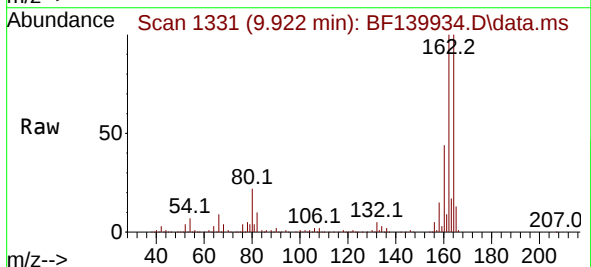
Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-29

Tgt Ion: 82 Resp: 1098858
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139934.D
Acq: 22 Oct 2024 17:58

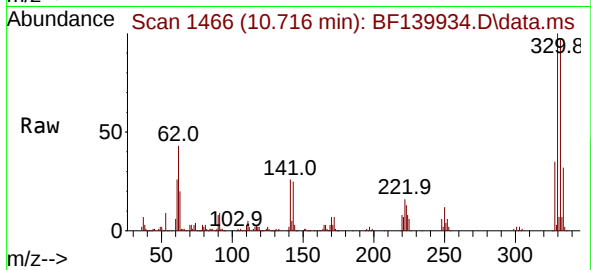
Tgt Ion: 164 Resp: 338141
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 43.8 35.4 53.0



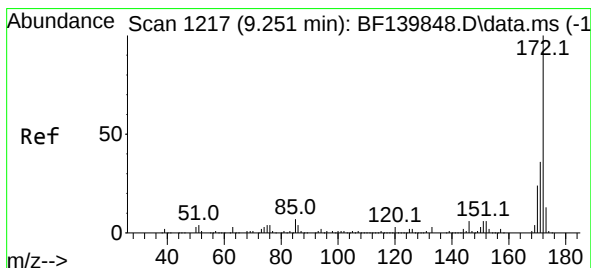
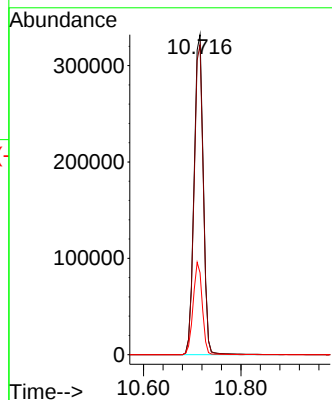
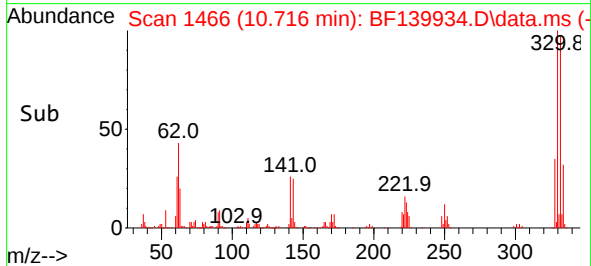


#42
 2,4,6-Tribromophenol
 Concen: 138.835 ng
 RT: 10.716 min Scan# 1466
 Delta R.T. 0.000 min
 Lab File: BF139934.D
 Acq: 22 Oct 2024 17:58

Instrument :
 BNA_F
 ClientSampleId :
 OG-315-HR-502-COMP-29

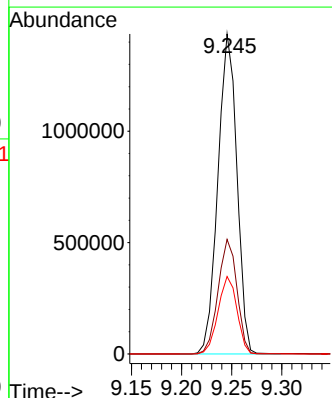
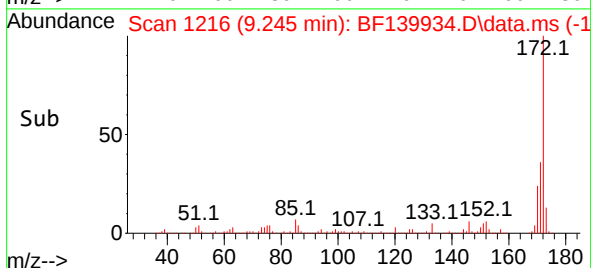
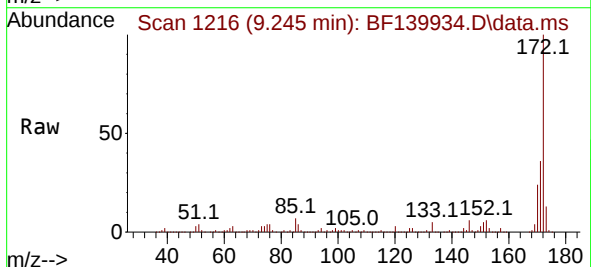


Tgt Ion:330 Resp: 439116
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.1 117.1
 141 28.5 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 92.472 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF139934.D
 Acq: 22 Oct 2024 17:58

Tgt Ion:172 Resp: 1891968
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.2 19.1 28.7

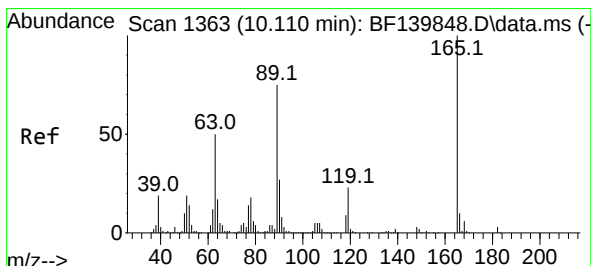
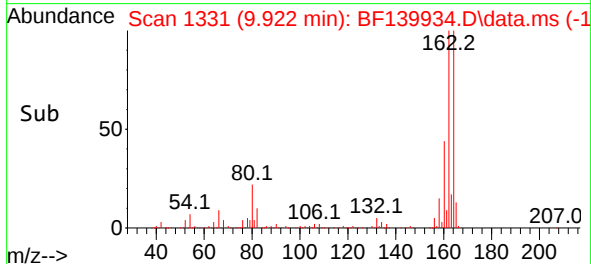
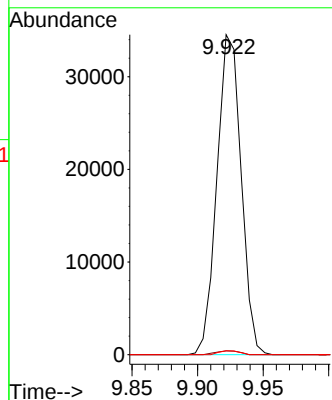
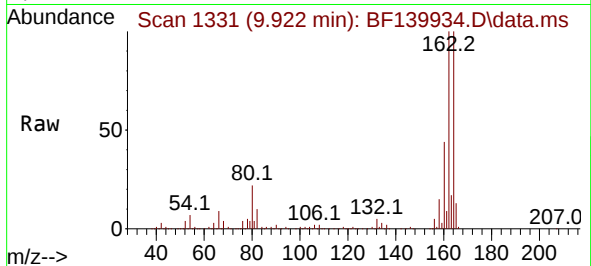




#51
2,6-Dinitrotoluene
Concen: 9.717 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139934.D
Acq: 22 Oct 2024 17:58

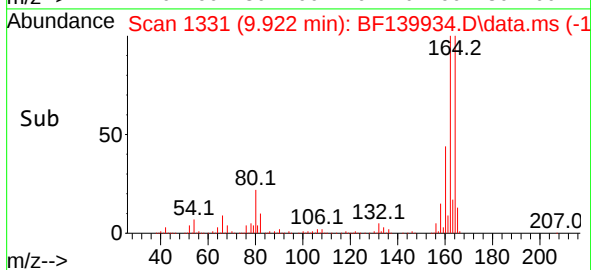
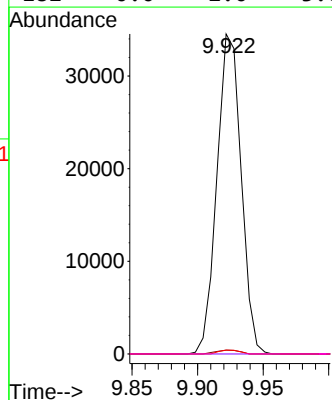
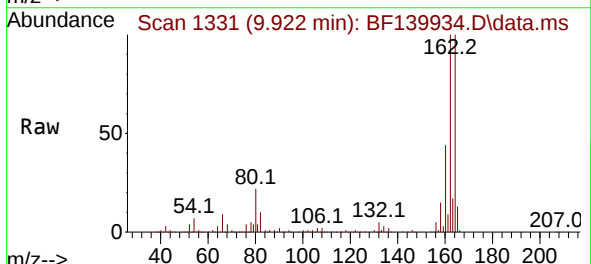
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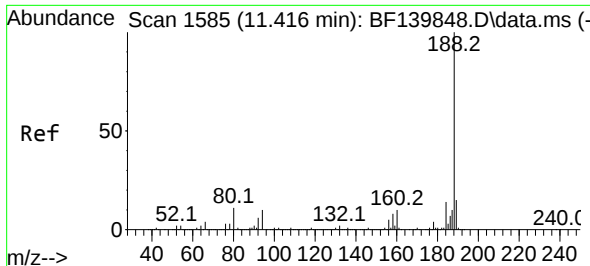
Tgt Ion:165 Resp: 44315
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.902 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139934.D
Acq: 22 Oct 2024 17:58

Tgt Ion:165 Resp: 44315
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#

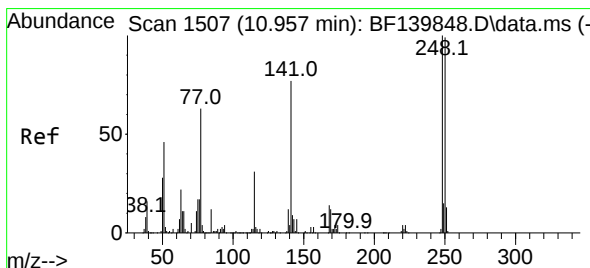
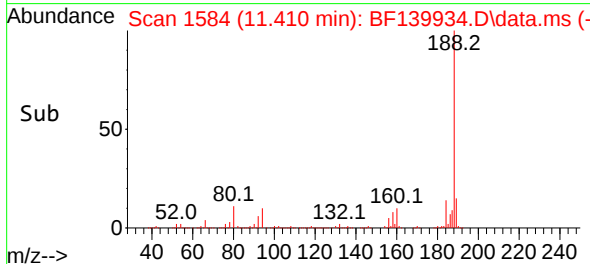
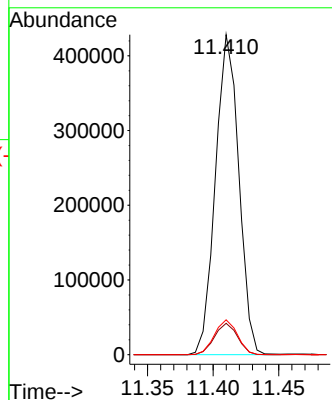
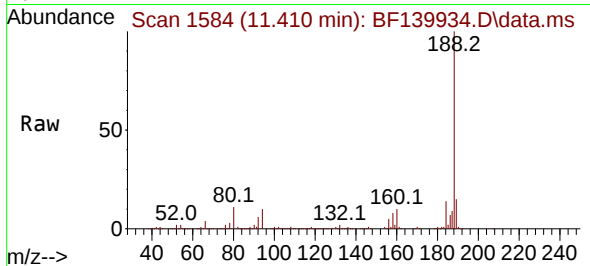




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139934.D
Acq: 22 Oct 2024 17:58

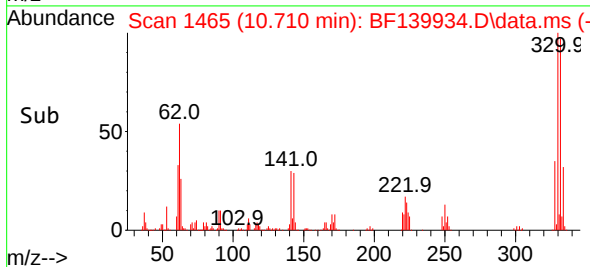
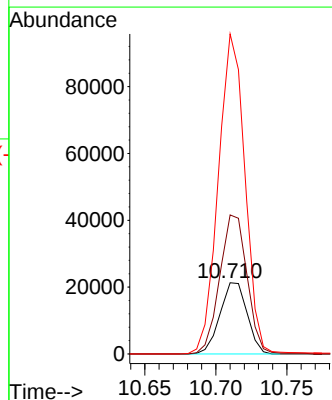
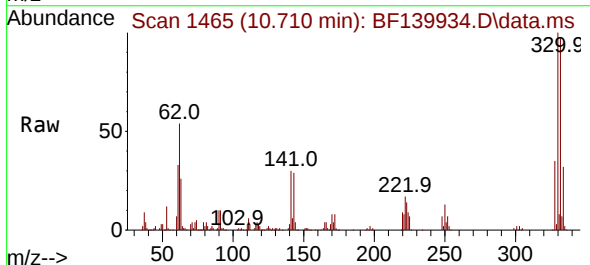
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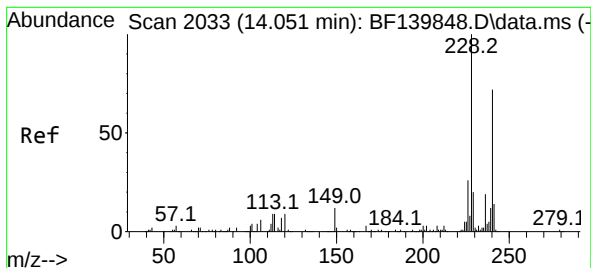
Tgt Ion:188 Resp: 530553
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.9 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 5.188 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139934.D
Acq: 22 Oct 2024 17:58

Tgt Ion:248 Resp: 28356
Ion Ratio Lower Upper
248 100
250 195.3 79.0 118.6#
141 449.5 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139934.D

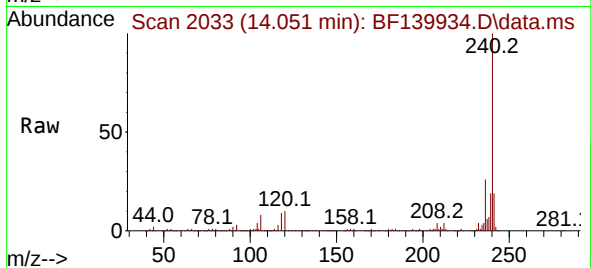
Acq: 22 Oct 2024 17:58

Instrument :

BNA_F

ClientSampleId :

OG-315-HR-502-COMP-29



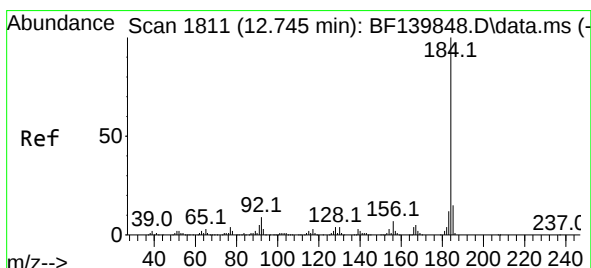
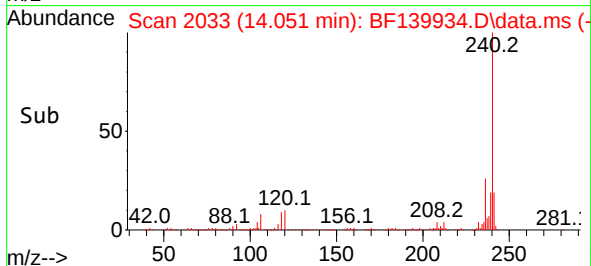
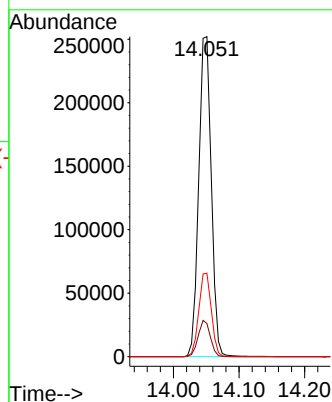
Tgt Ion:240 Resp: 336688

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.1 20.9 31.3



#77

Benzdine

Concen: 46.619 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139934.D

Acq: 22 Oct 2024 17:58

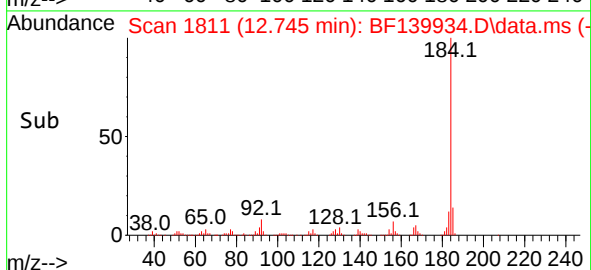
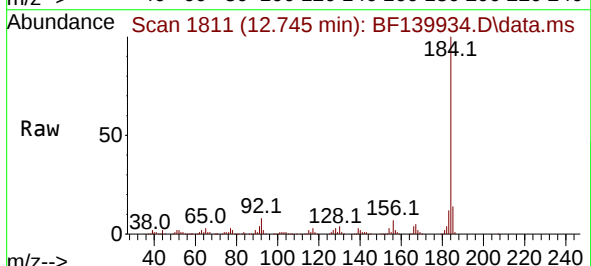
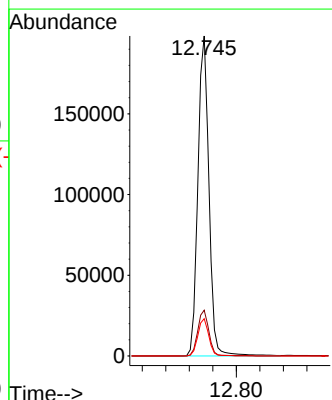
Tgt Ion:184 Resp: 258098

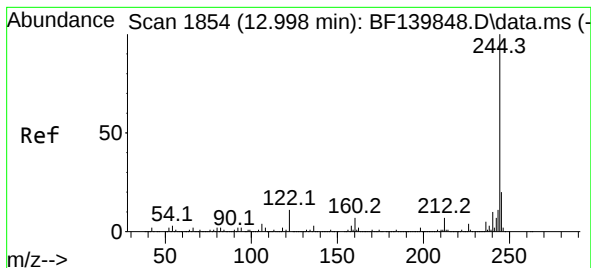
Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

183 11.6 9.4 14.2





#79

Terphenyl-d14

Concen: 84.116 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139934.D

Acq: 22 Oct 2024 17:58

Instrument :

BNA_F

ClientSampleId :

OG-315-HR-502-COMP-29

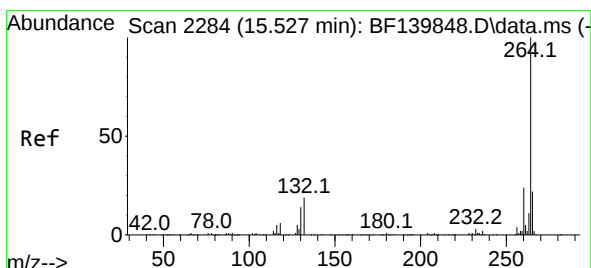
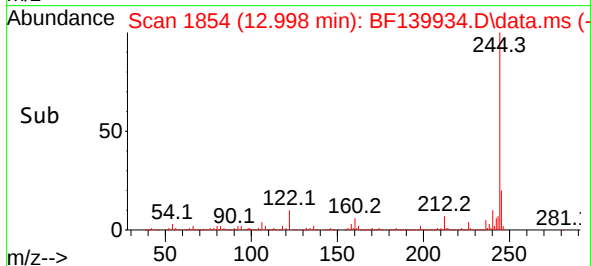
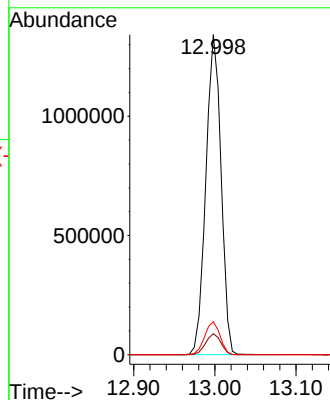
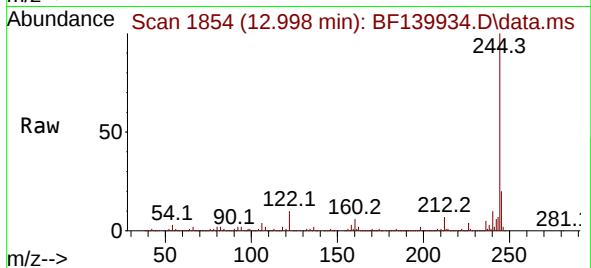
Tgt Ion:244 Resp: 1738028

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 10.3 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139934.D

Acq: 22 Oct 2024 17:58

Tgt Ion:264 Resp: 373899

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.8 17.4 26.0

