

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141328.D
 Acq On : 31 Jan 2025 13:27
 Operator : RC/JU
 Sample : Q1211-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TAPHHA-MW01-012825-00-T4

Quant Time: Jan 31 13:51:47 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)

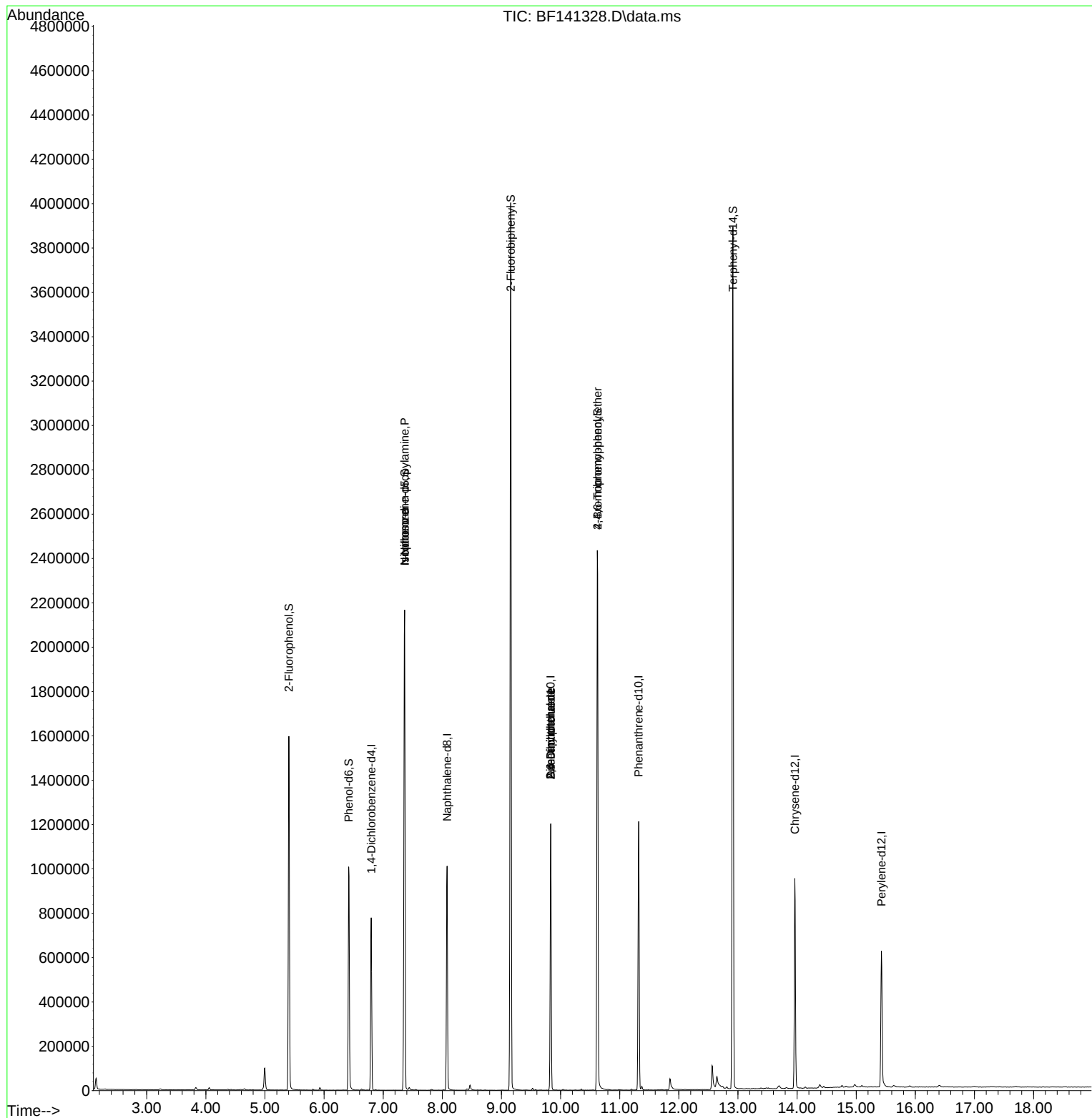
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	154665	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	631249	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	343257	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	611013	20.000	ng	0.00
76) Chrysene-d12	13.963	240	457684	20.000	ng	-0.01
86) Perylene-d12	15.427	264	357260	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	578725	57.444	ng	0.00
7) Phenol-d6	6.416	99	458268	35.757	ng	-0.02
23) Nitrobenzene-d5	7.363	82	1023120	85.442	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	423425	134.554	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1792215	80.364	ng	0.00
79) Terphenyl-d14	12.916	244	2039647	68.727	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	135818	17.835	ng	# 74
25) Isophorone	7.363	82	1011037	48.845	ng	# 64
50) Dimethylphthalate	9.833	163	51881	2.238	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	44191	8.209	ng	# 23
57) 2,4-Dinitrotoluene	9.833	165	44191	6.341	ng	# 23
67) 4-Bromophenyl-phenylether	10.627	248	28763	4.205	ng	# 1

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

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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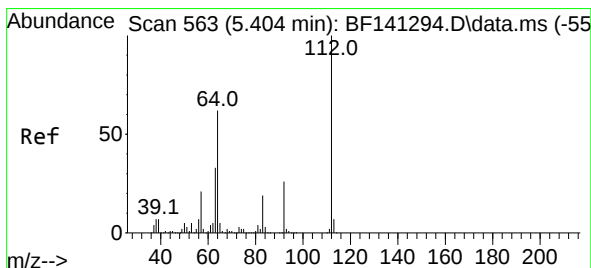
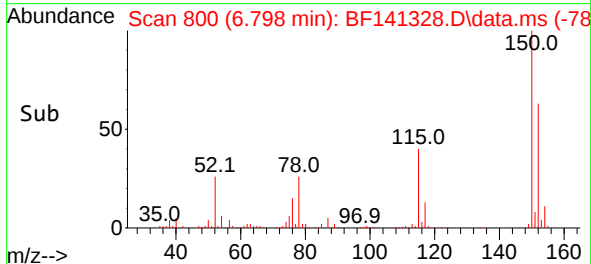
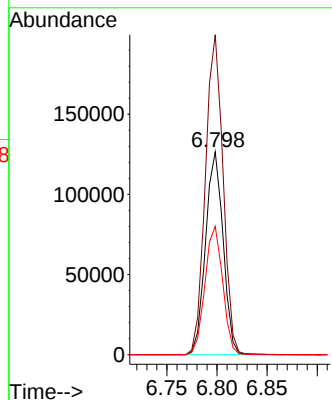
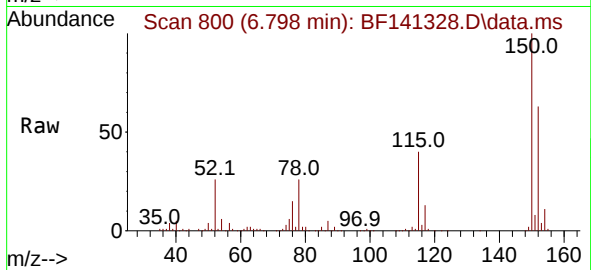




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

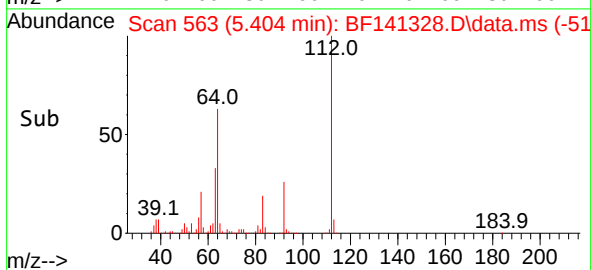
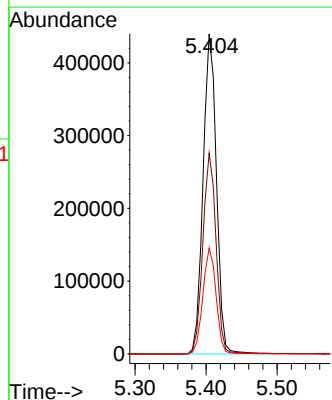
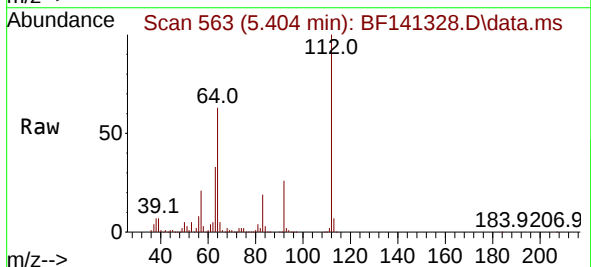
Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

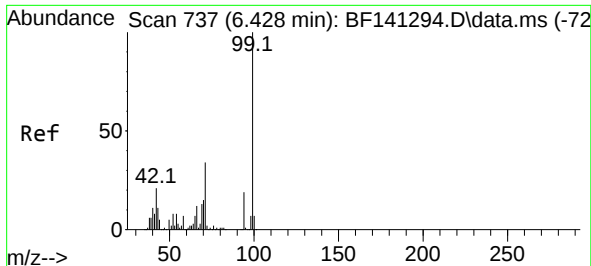
Tgt Ion:152 Resp: 154665
Ion Ratio Lower Upper
152 100
150 157.7 125.9 188.9
115 63.3 49.7 74.5



#5
2-Fluorophenol
Concen: 57.444 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion:112 Resp: 578725
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.8
63 33.2 26.1 39.1



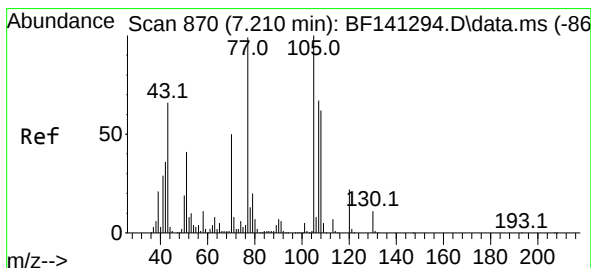
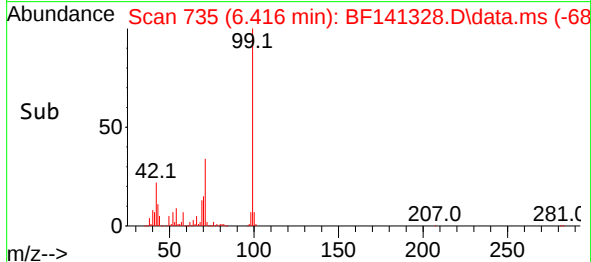
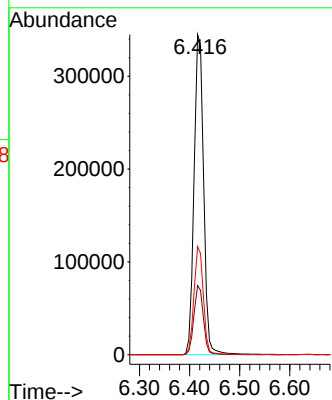
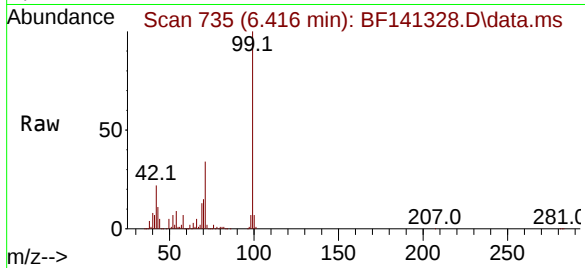


#7
Phenol-d6
Concen: 35.757 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Tgt Ion: 99 Resp: 458268

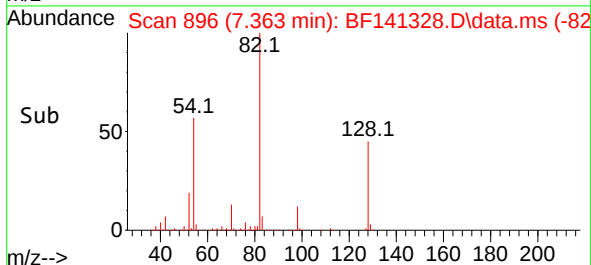
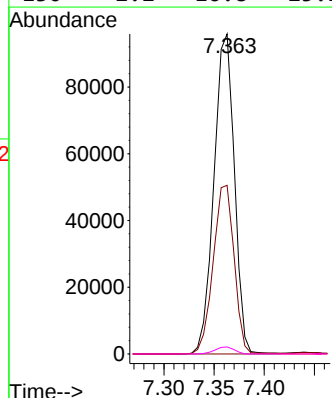
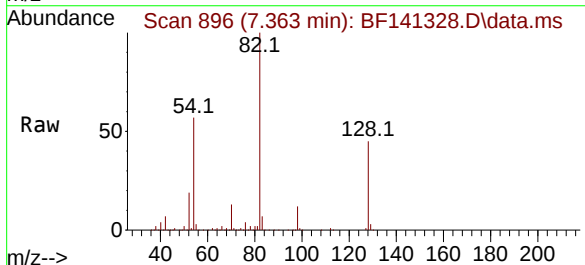
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.1	25.7
71	33.7	26.9	40.3

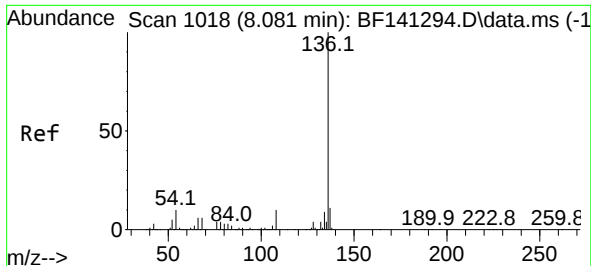


#19
n-Nitroso-di-n-propylamine
Concen: 17.835 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion: 70 Resp: 135818

Ion	Ratio	Lower	Upper
70	100		
42	52.7	56.8	85.2#
101	0.0	7.7	11.5#
130	2.2	16.8	25.2#



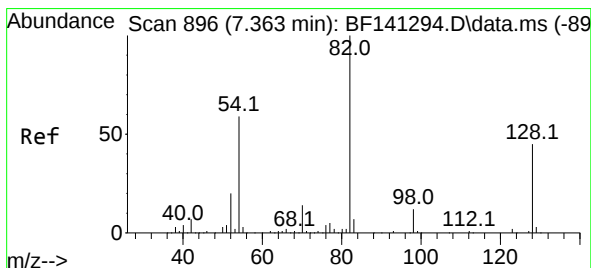
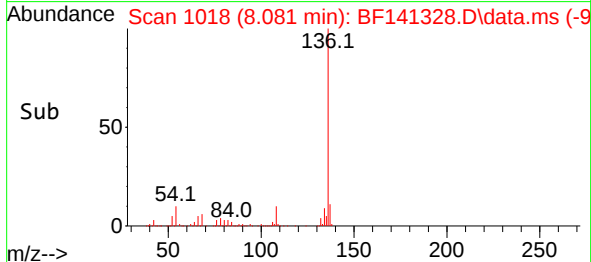
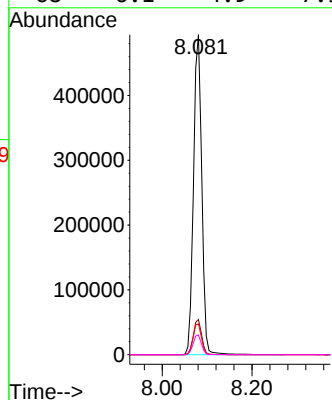
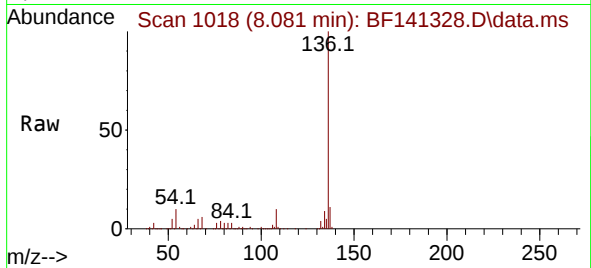


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Tgt Ion:136 Resp: 631249

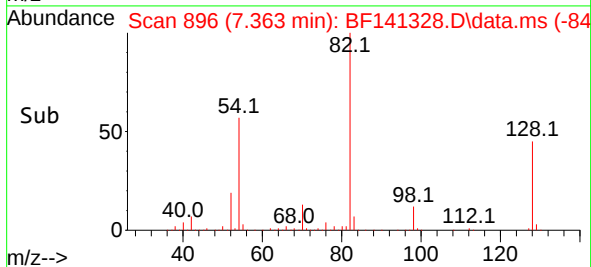
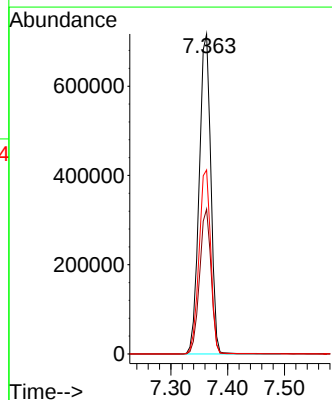
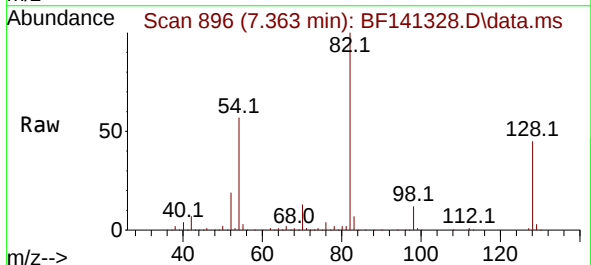
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.7	7.8	11.8
68	6.1	4.9	7.3

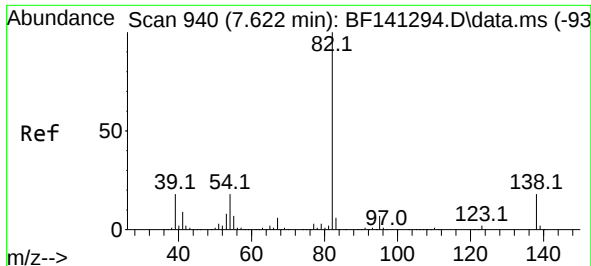


#23
Nitrobenzene-d5
Concen: 85.442 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion: 82 Resp: 1023120

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	57.5	47.1	70.7

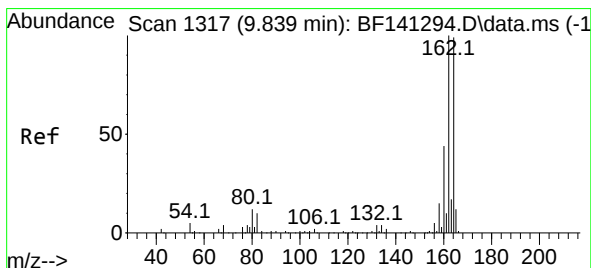
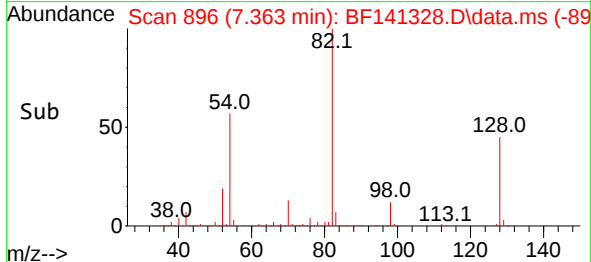
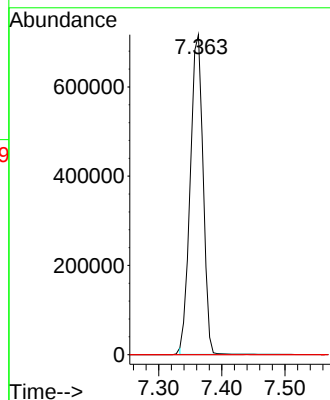
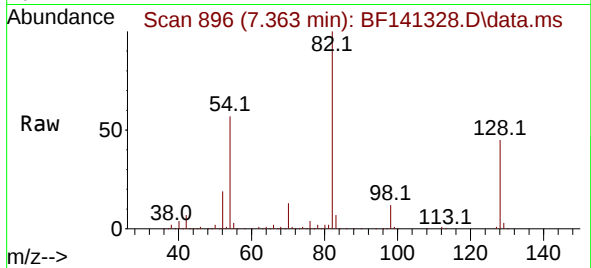




#25
Isophorone
Concen: 48.845 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

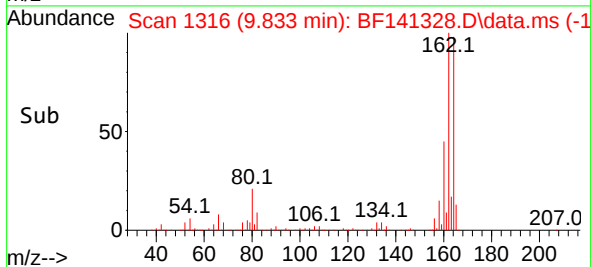
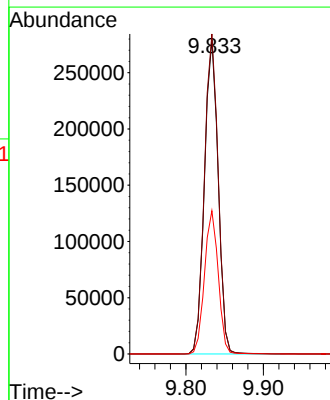
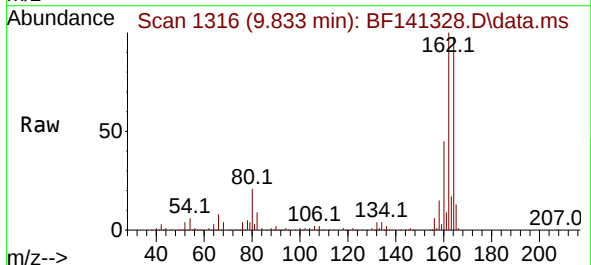
Instrument :
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ClientSampleId :
TAPHHA-MW01-012825-00-T4

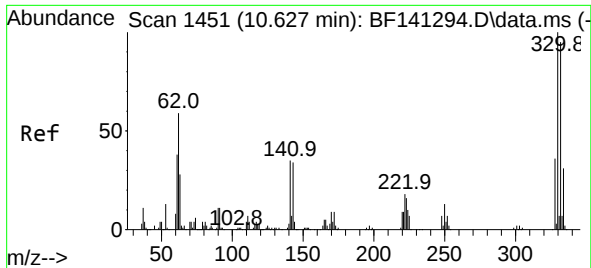
Tgt Ion: 82 Resp: 1011037
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion:164 Resp: 343257
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 45.6 35.8 53.6

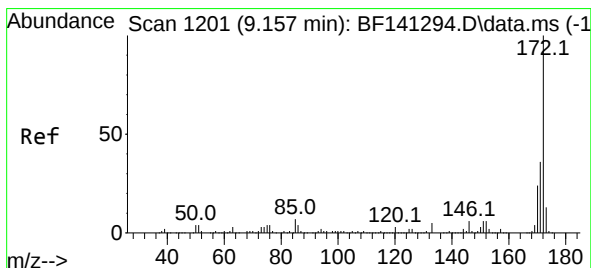
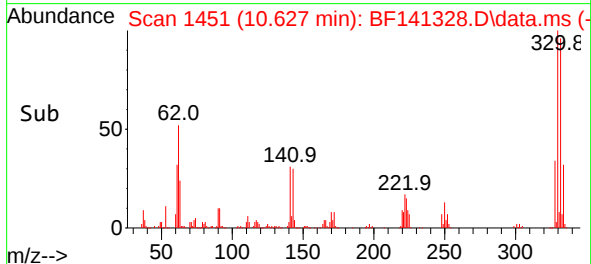
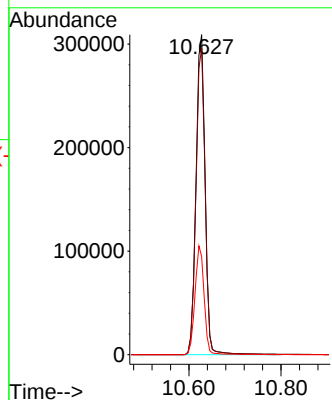
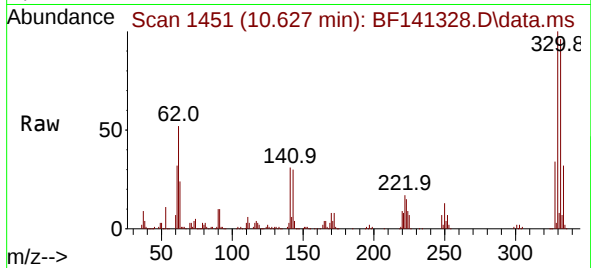




#42
 2,4,6-Tribromophenol
 Concen: 134.554 ng
 RT: 10.627 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF141328.D
 Acq: 31 Jan 2025 13:27

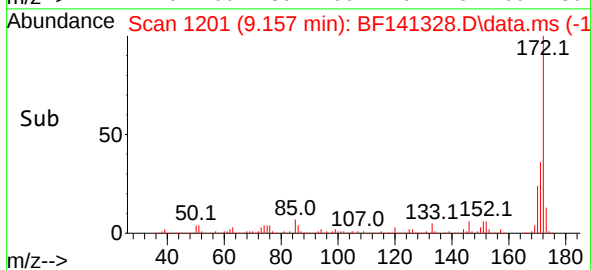
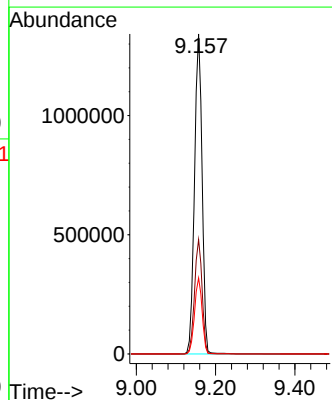
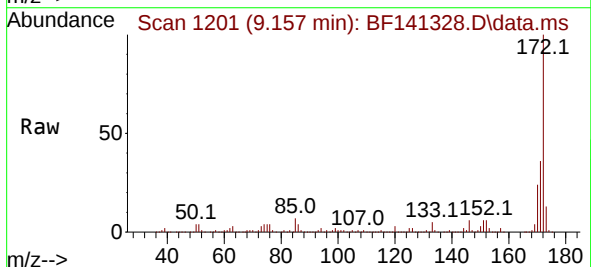
Instrument :
 BNA_F
 ClientSampleId :
 TAPHHA-MW01-012825-00-T4

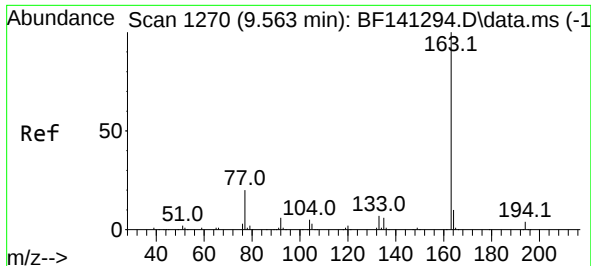
Tgt Ion: 330 Resp: 423425
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.1 114.1
 141 34.2 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 80.364 ng
 RT: 9.157 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BF141328.D
 Acq: 31 Jan 2025 13:27

Tgt Ion: 172 Resp: 1792215
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.8 43.2
 170 23.8 19.0 28.6

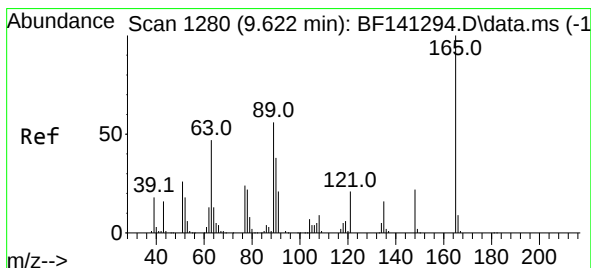
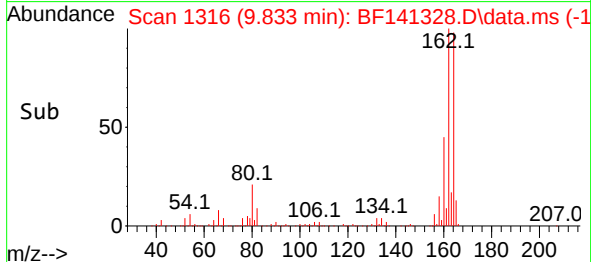
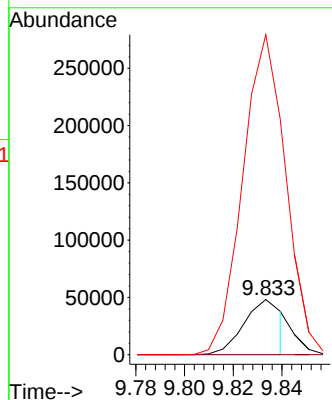
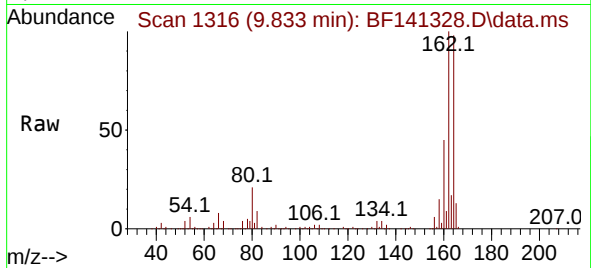




#50
Dimethylphthalate
Concen: 2.238 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

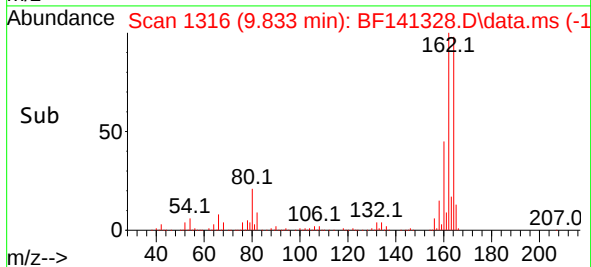
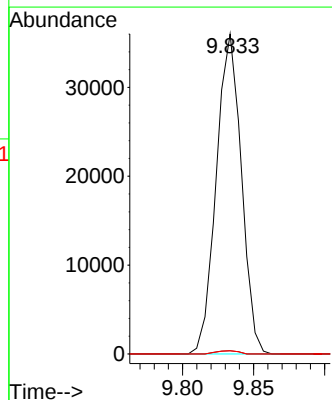
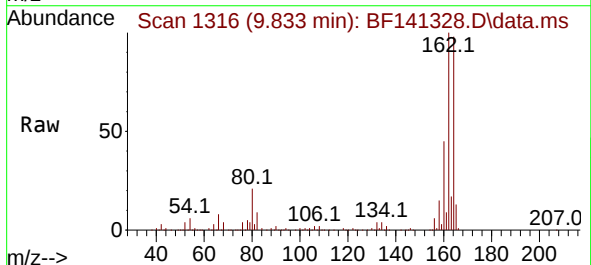
Instrument : BNA_F
ClientSampleId : TAPPHA-MW01-012825-00-T4

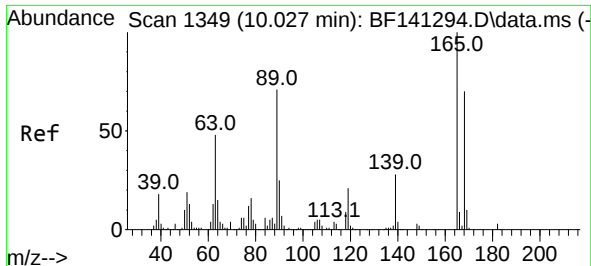
Tgt Ion:163 Resp: 51881
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 579.2 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.209 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

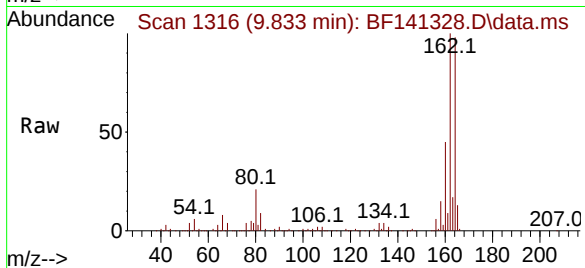
Tgt Ion:165 Resp: 44191
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.0 44.9 67.3#



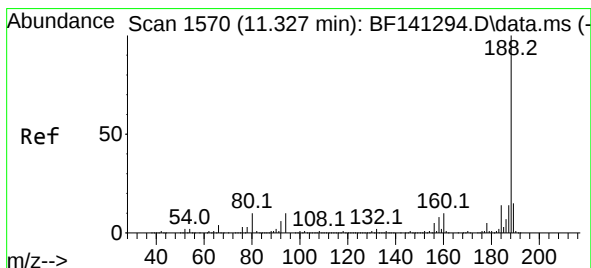
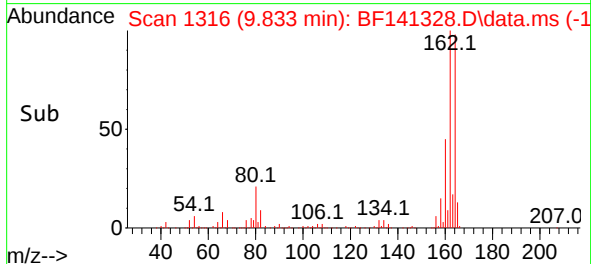
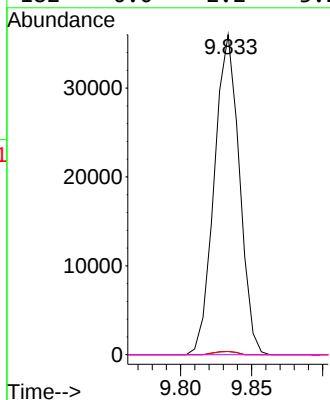


#57
2,4-Dinitrotoluene
Concen: 6.341 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

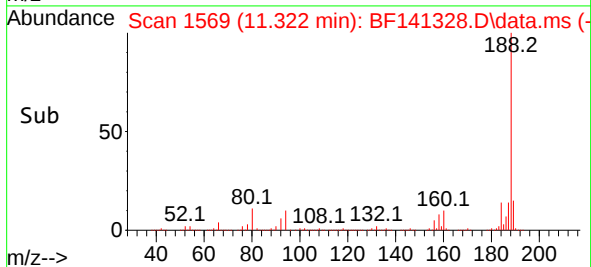
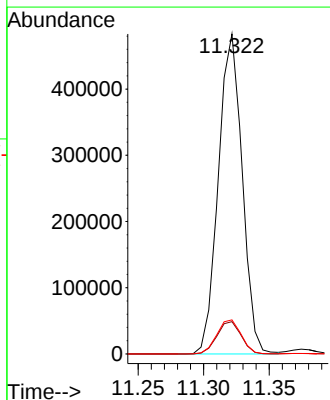
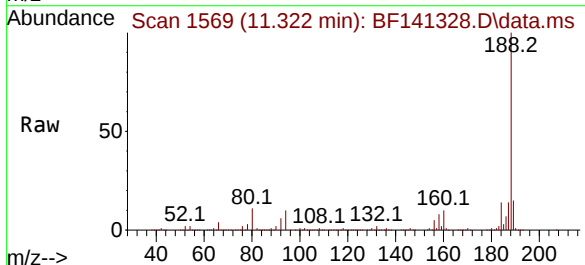


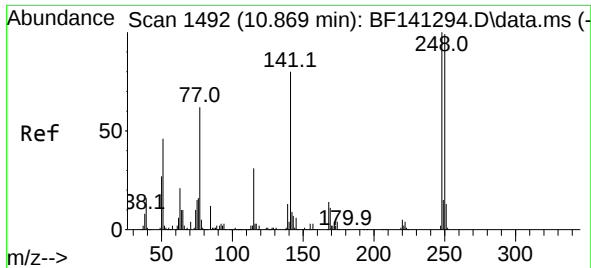
Tgt Ion:165 Resp: 44191
Ion Ratio Lower Upper
165 100
63 1.0 39.2 58.8#
89 1.0 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion:188 Resp: 611013
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.7 8.2 12.4

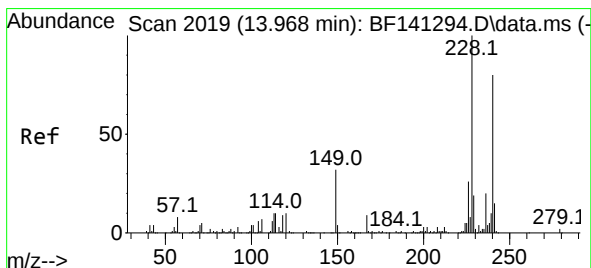
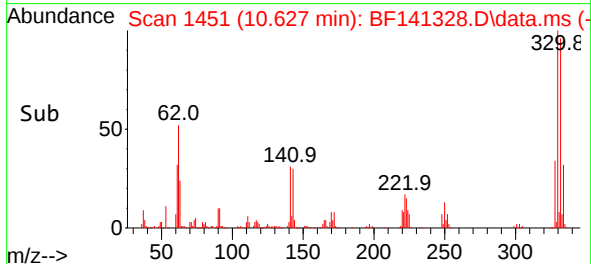
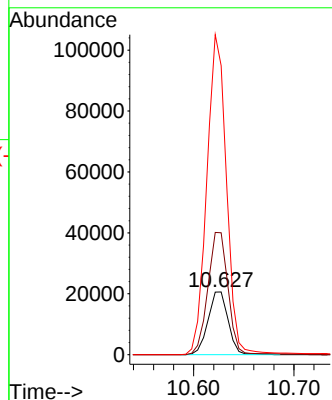
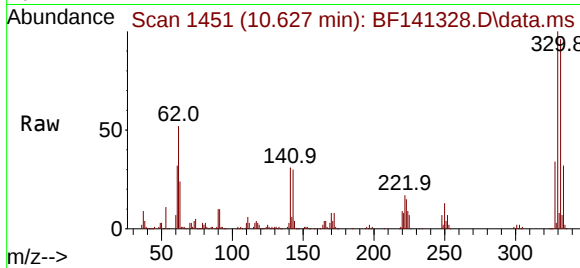




#67
4-Bromophenyl-phenylether
Concen: 4.205 ng
RT: 10.627 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

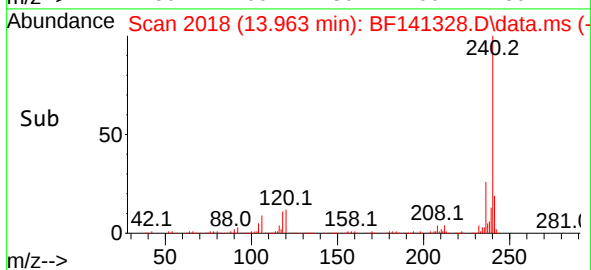
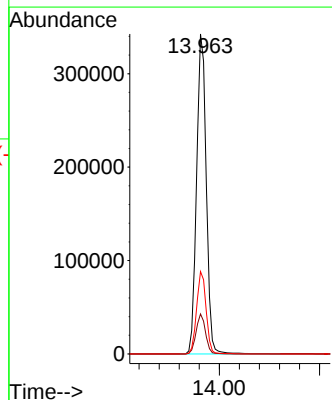
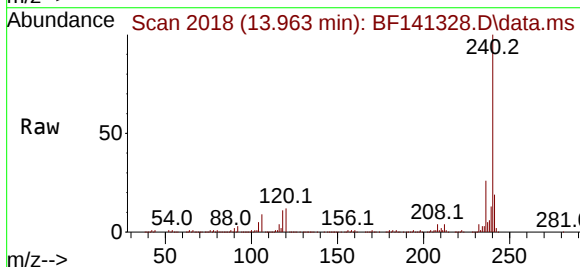
Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

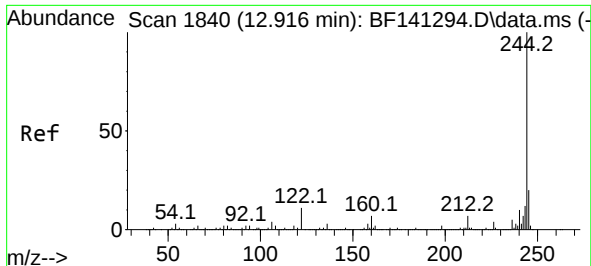
Tgt Ion:248 Resp: 28763
Ion Ratio Lower Upper
248 100
250 194.3 79.0 118.4#
141 460.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion:240 Resp: 457684
Ion Ratio Lower Upper
240 100
120 12.5 10.0 15.0
236 25.8 19.7 29.5

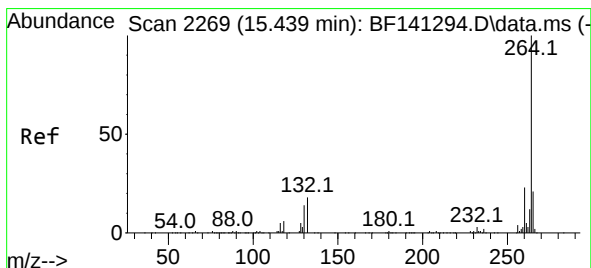
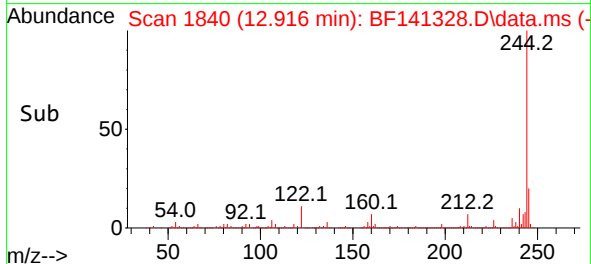
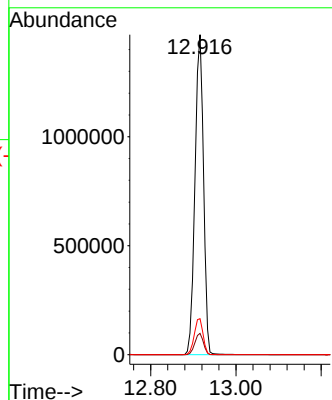
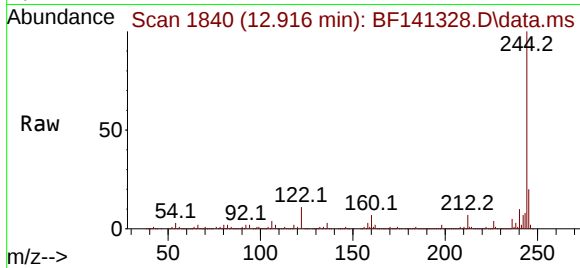




#79
 Terphenyl-d14
 Concen: 68.727 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141328.D
 Acq: 31 Jan 2025 13:27

Instrument :
 BNA_F
 ClientSampleId :
 TAPHHA-MW01-012825-00-T4

Tgt Ion:244 Resp: 2039647
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF141328.D
 Acq: 31 Jan 2025 13:27

Tgt Ion:264 Resp: 357260
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.5 16.7 25.1

