

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141485.D
 Acq On : 06 Feb 2025 17:34
 Operator : RC/JU
 Sample : Q1214-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARAMUS-CONDENSATERE

Quant Time: Feb 07 01:52:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

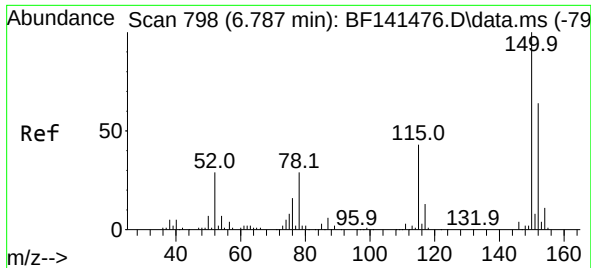
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	86723	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	352483	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	197682	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	357585	20.000	ng	0.00
76) Chrysene-d12	13.951	240	265011	20.000	ng	-0.01
86) Perylene-d12	15.416	264	190946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	241000	43.567	ng	0.00
7) Phenol-d6	6.422	99	191616	27.407	ng	-0.02
23) Nitrobenzene-d5	7.351	82	727321	107.624	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	203713	102.585	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1326654	103.393	ng	0.00
79) Terphenyl-d14	12.904	244	1563147	99.576	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	100103	23.936	ng	# 75
25) Isophorone	7.351	82	707585	65.667	ng	# 66
50) Dimethylphthalate	9.822	163	28955	2.158	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	26128	8.906	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	26128	6.690	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	14809	3.706	ng	# 1
77) Benzidine	12.904	184	21196	3.627	ng	# 92

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

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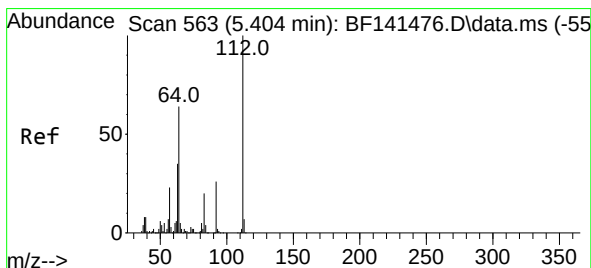
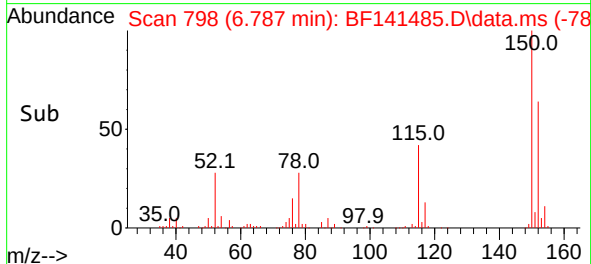
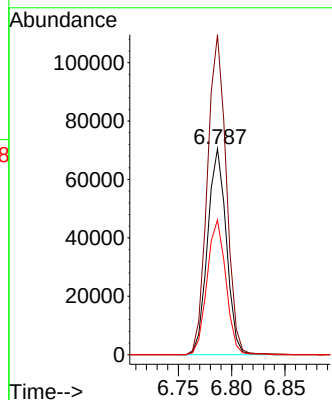
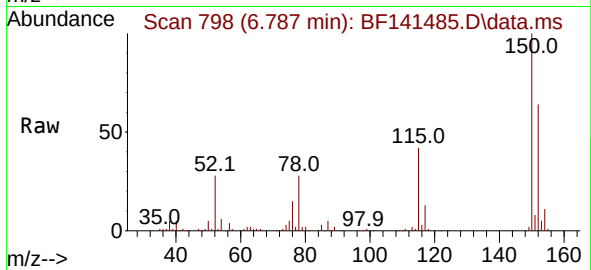




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141485.D
 Acq: 06 Feb 2025 17:34

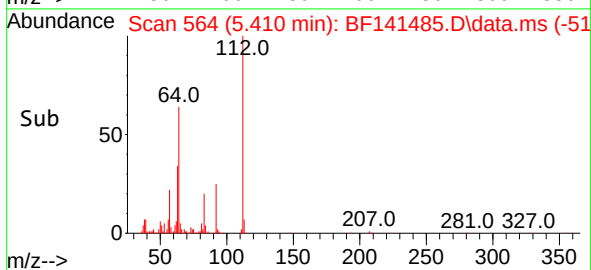
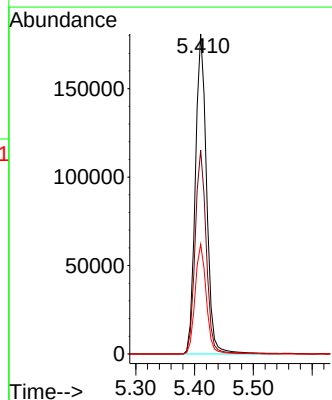
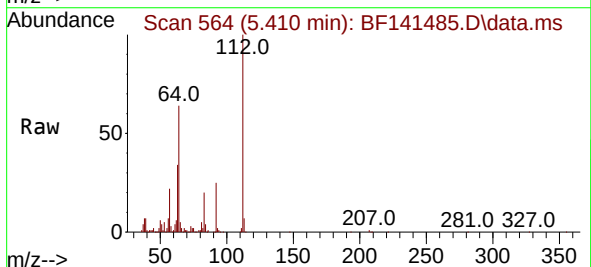
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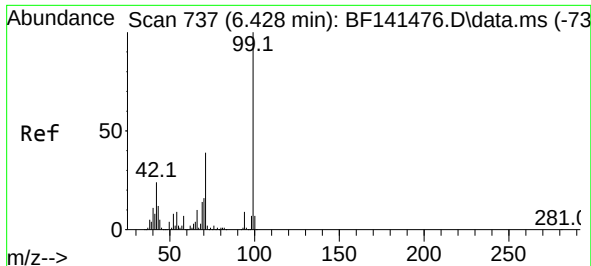
Tgt Ion:152 Resp: 86723
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.0 187.4
 115 65.4 53.6 80.4



#5
 2-Fluorophenol
 Concen: 43.567 ng
 RT: 5.410 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF141485.D
 Acq: 06 Feb 2025 17:34

Tgt Ion:112 Resp: 241000
 Ion Ratio Lower Upper
 112 100
 64 63.7 51.1 76.7
 63 34.3 28.4 42.6

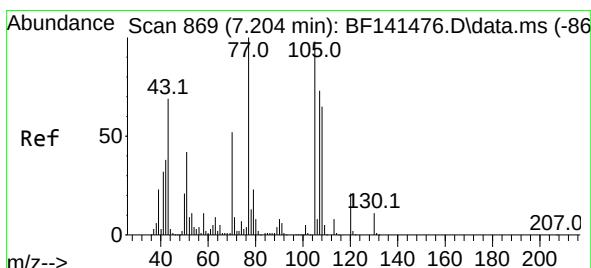
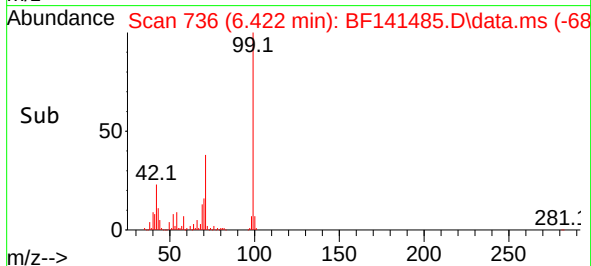
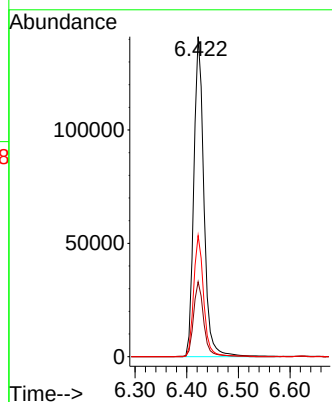
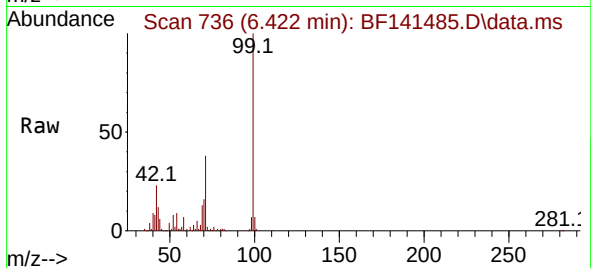




#7
Phenol-d6
Concen: 27.407 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141485.D
Acq: 06 Feb 2025 17:34

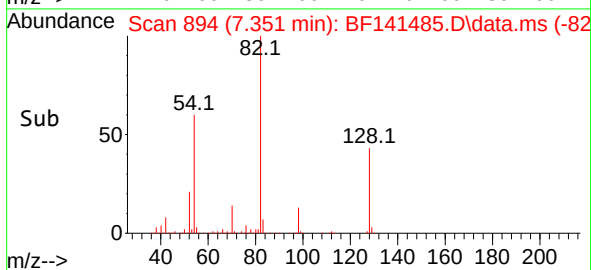
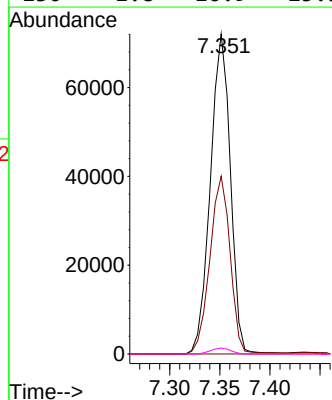
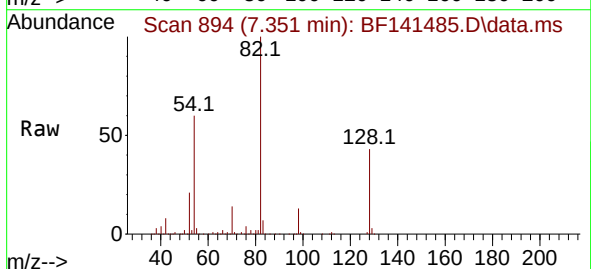
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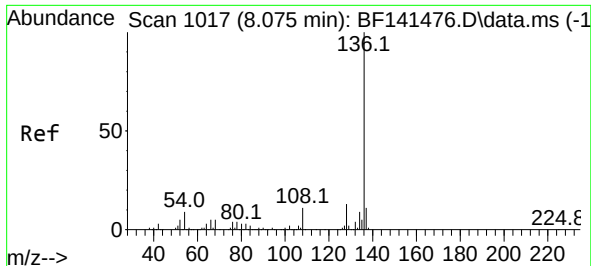
Tgt Ion: 99 Resp: 191616
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 37.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 23.936 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF141485.D
Acq: 06 Feb 2025 17:34

Tgt Ion: 70 Resp: 100103
Ion Ratio Lower Upper
70 100
42 55.5 57.4 86.2#
101 0.0 8.0 12.0#
130 1.8 16.9 25.3#

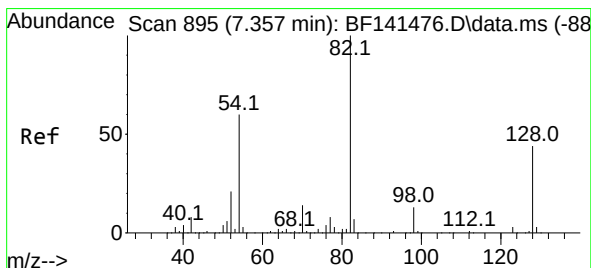
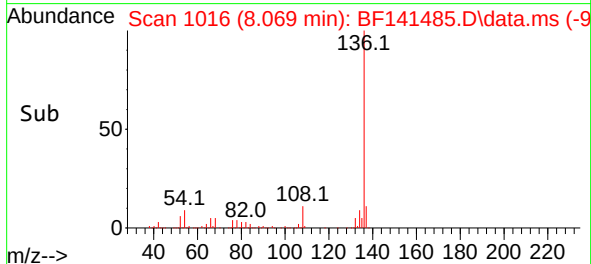
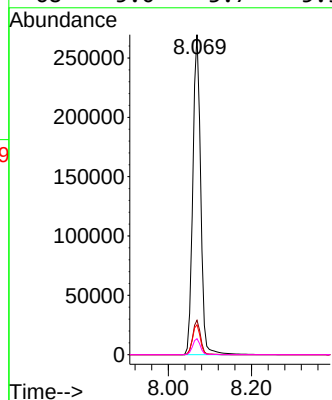
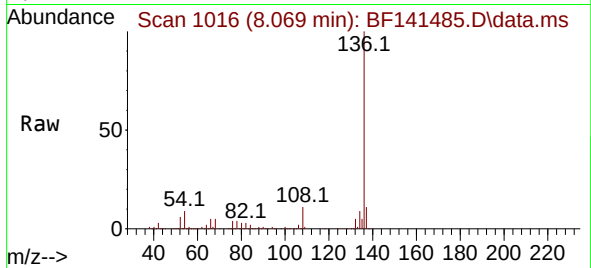




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141485.D
Acq: 06 Feb 2025 17:34

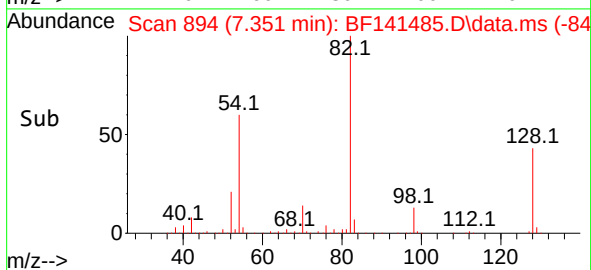
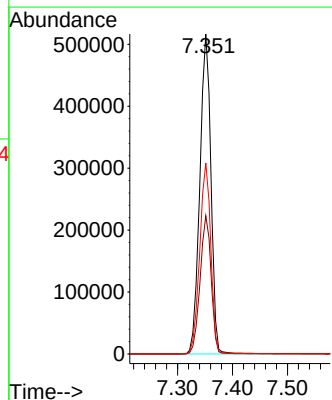
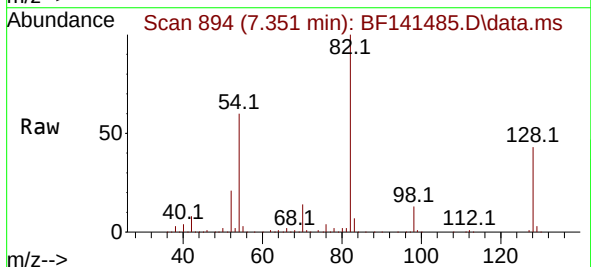
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ClientSampleId :
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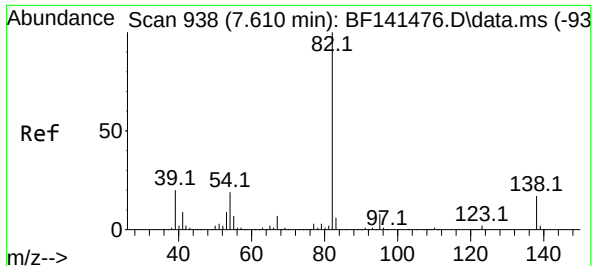
Tgt Ion:136 Resp: 352483
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.3 7.2 10.8
68 5.0 3.7 5.5



#23
Nitrobenzene-d5
Concen: 107.624 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141485.D
Acq: 06 Feb 2025 17:34

Tgt Ion: 82 Resp: 727321
Ion Ratio Lower Upper
82 100
128 43.2 34.8 52.2
54 59.7 48.2 72.4

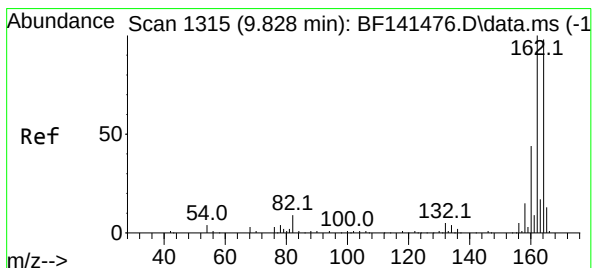
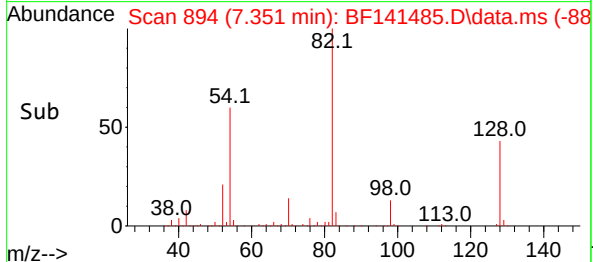
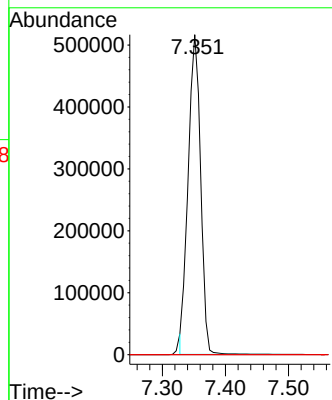
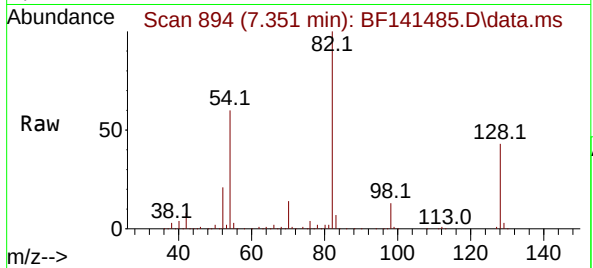




#25
Isophorone
Concen: 65.667 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141485.D
Acq: 06 Feb 2025 17:34

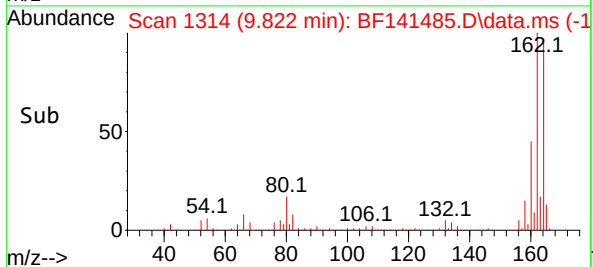
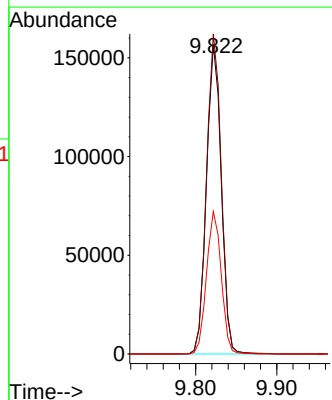
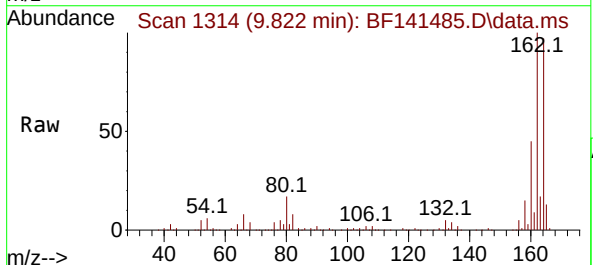
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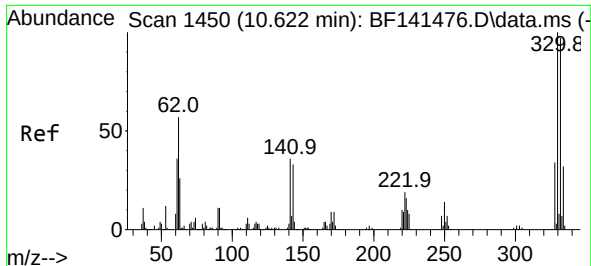
Tgt Ion: 82 Resp: 707585
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141485.D
Acq: 06 Feb 2025 17:34

Tgt Ion:164 Resp: 197682
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 46.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 102.585 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141485.D

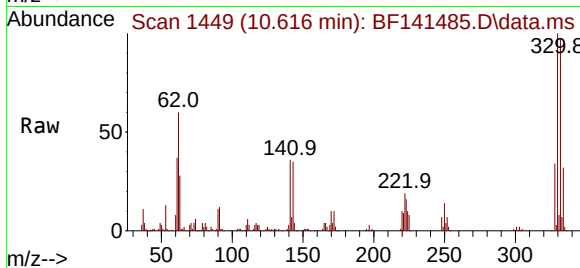
Acq: 06 Feb 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PARAMUS-CONDENSATERE



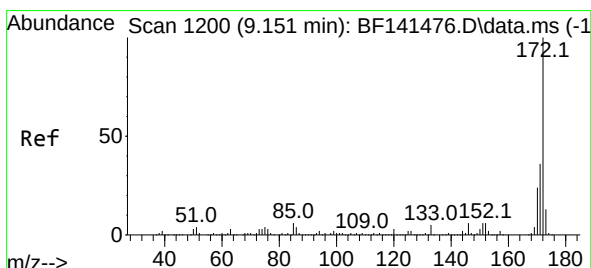
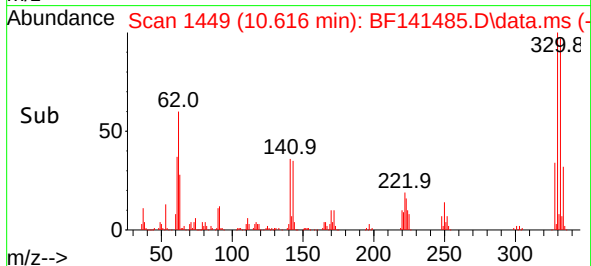
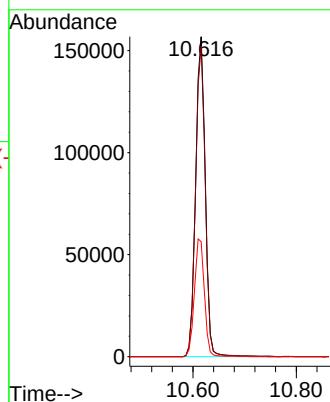
Tgt Ion:330 Resp: 203713

Ion Ratio Lower Upper

330 100

332 97.2 78.5 117.7

141 38.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 103.393 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141485.D

Acq: 06 Feb 2025 17:34

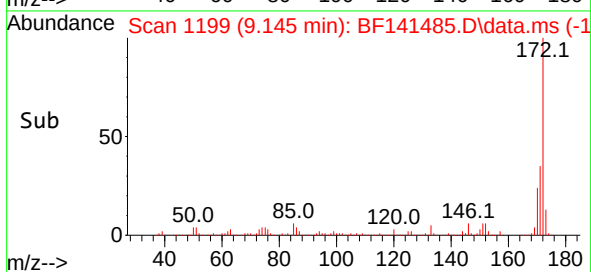
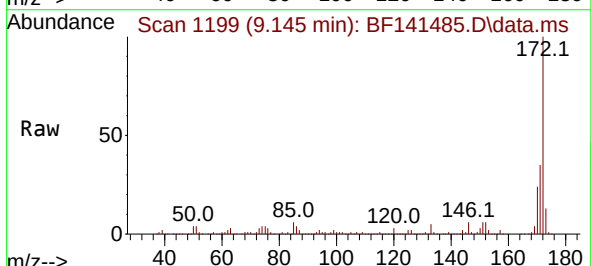
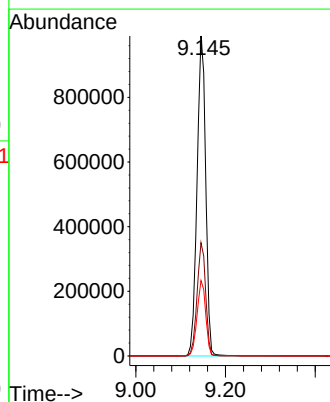
Tgt Ion:172 Resp: 1326654

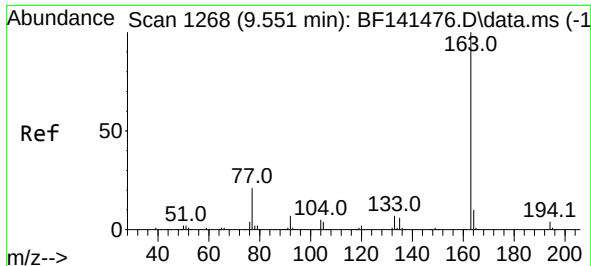
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.5 18.9 28.3

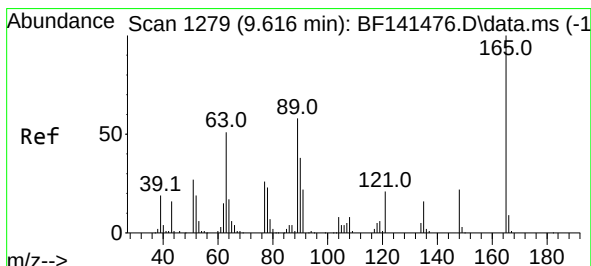
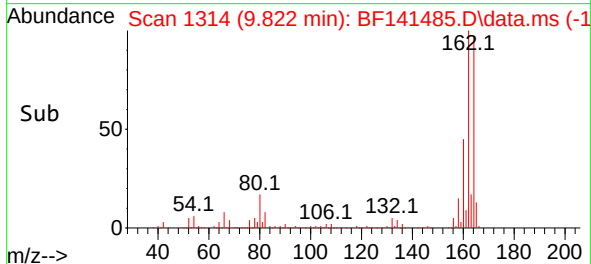
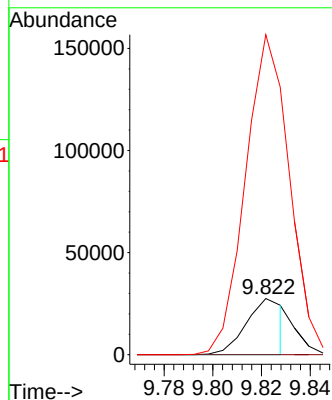
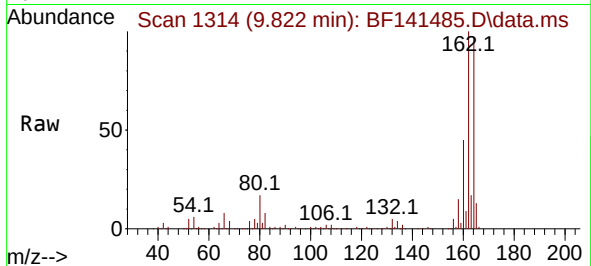




#50
Dimethylphthalate
Concen: 2.158 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141485.D
Acq: 06 Feb 2025 17:34

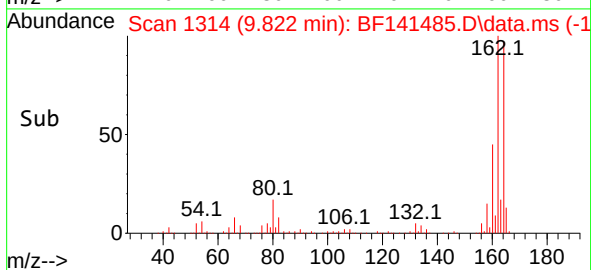
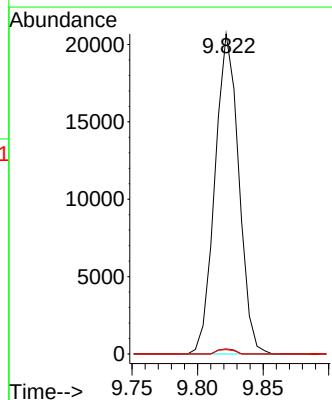
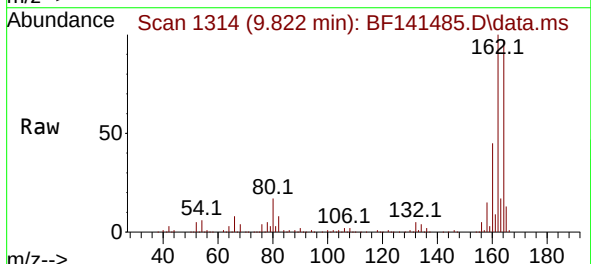
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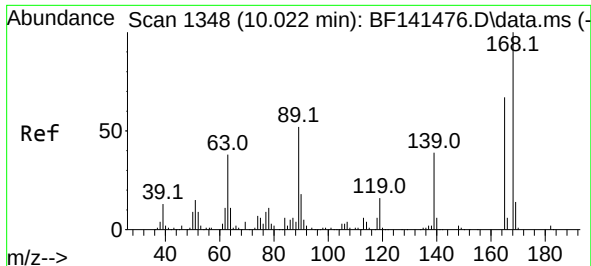
Tgt Ion:163 Resp: 28955
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 569.9 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.906 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141485.D
Acq: 06 Feb 2025 17:34

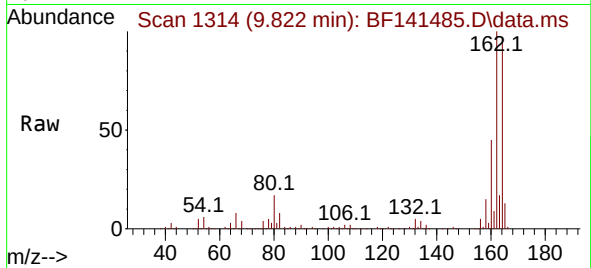
Tgt Ion:165 Resp: 26128
Ion Ratio Lower Upper
165 100
63 1.6 49.4 74.0#
89 1.3 46.5 69.7#



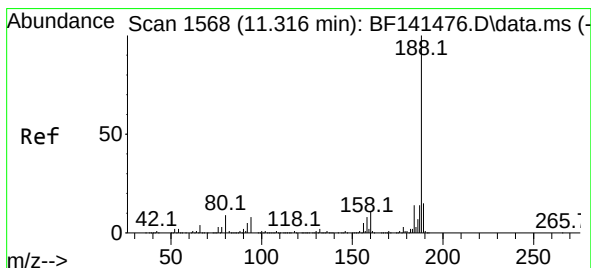
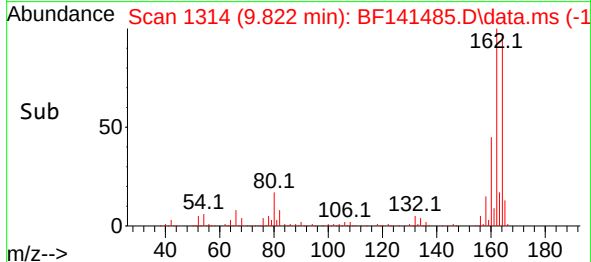
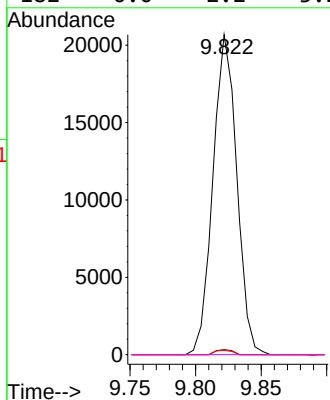


#57
2,4-Dinitrotoluene
Concen: 6.690 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141485.D
Acq: 06 Feb 2025 17:34

Instrument :
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ClientSampleId :
PARAMUS-CONDENSATERE

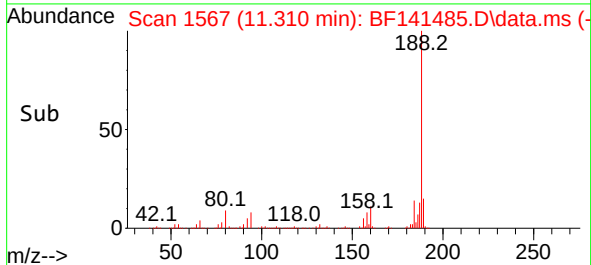
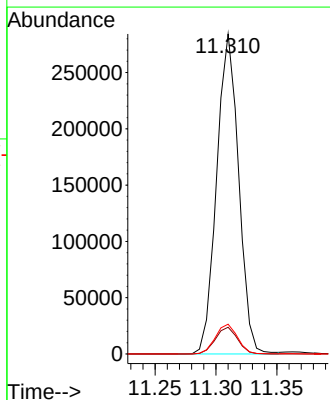
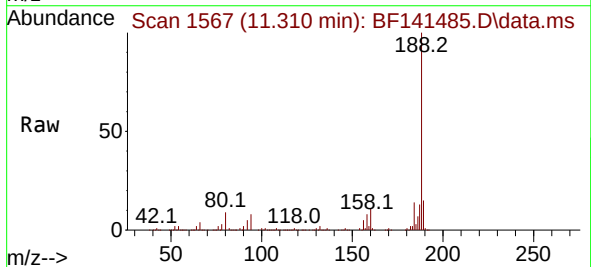


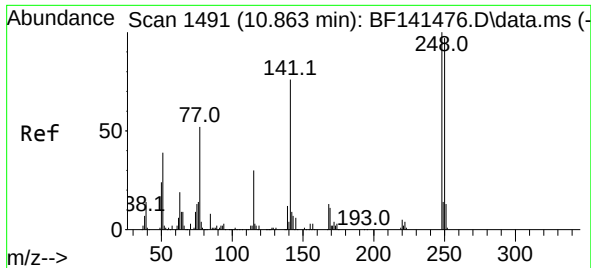
Tgt Ion:165 Resp: 26128
Ion Ratio Lower Upper
165 100
63 1.6 46.4 69.6#
89 1.3 61.8 92.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141485.D
Acq: 06 Feb 2025 17:34

Tgt Ion:188 Resp: 357585
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.3 7.3 10.9

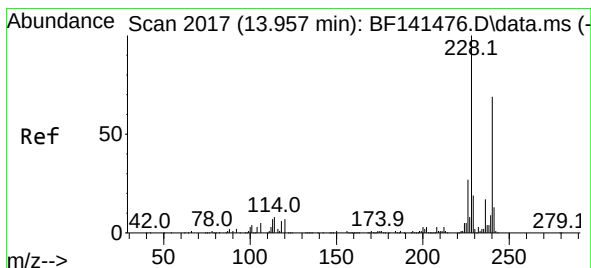
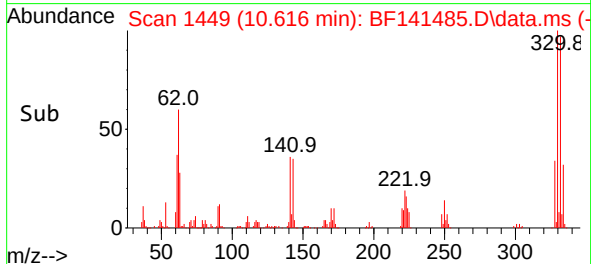
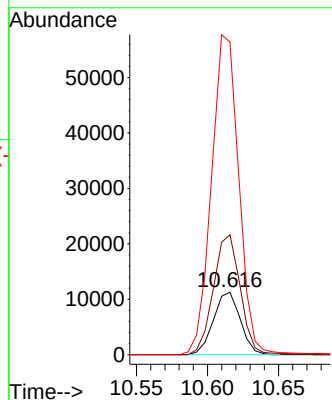
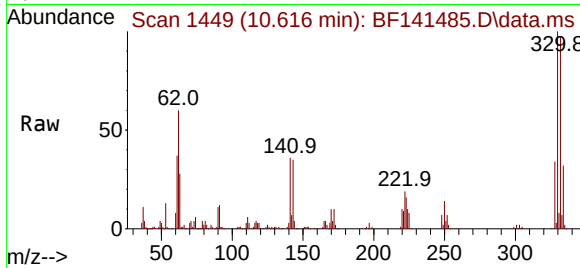




#67
4-Bromophenyl-phenylether
Concen: 3.706 ng
RT: 10.616 min Scan# 1491
Delta R.T. -0.247 min
Lab File: BF141485.D
Acq: 06 Feb 2025 17:34

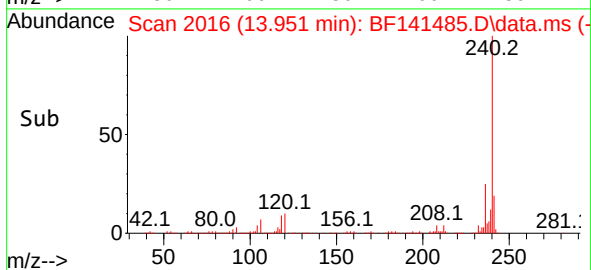
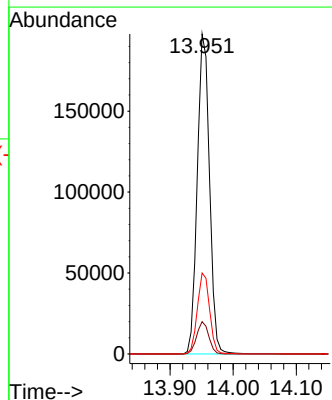
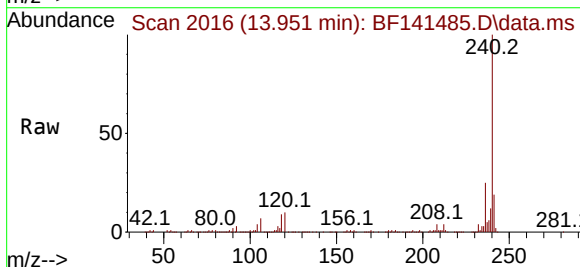
Instrument :
BNA_F
ClientSampleId :
PARAMUS-CONDENSATERE

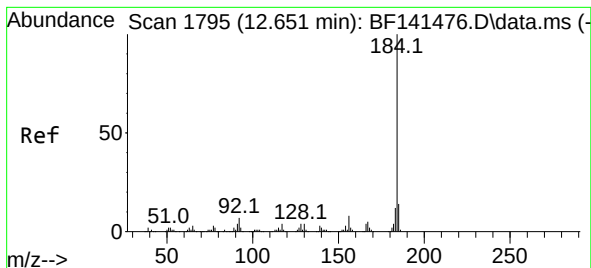
Tgt Ion:248 Resp: 14809
Ion Ratio Lower Upper
248 100
250 192.4 77.8 116.6#
141 501.1 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141485.D
Acq: 06 Feb 2025 17:34

Tgt Ion:240 Resp: 265011
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.3 19.8 29.8





#77

Benzidine

Concen: 3.627 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF141485.D

Acq: 06 Feb 2025 17:34

Instrument :

BNA_F

ClientSampleId :

PARAMUS-CONDENSATERE

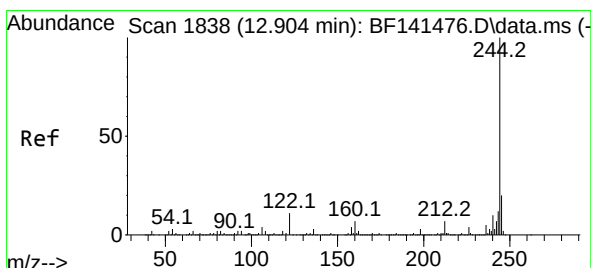
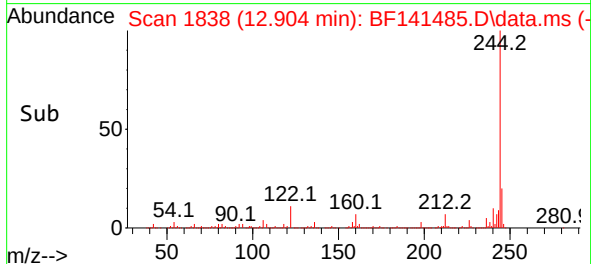
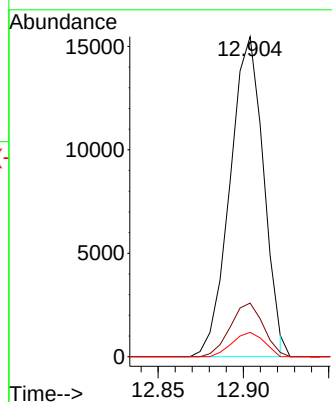
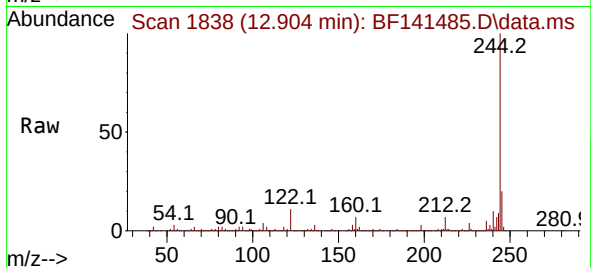
Tgt Ion:184 Resp: 21196

Ion Ratio Lower Upper

184 100

185 16.7 11.3 16.9

183 7.6 9.3 13.9#



#79

Terphenyl-d14

Concen: 99.576 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF141485.D

Acq: 06 Feb 2025 17:34

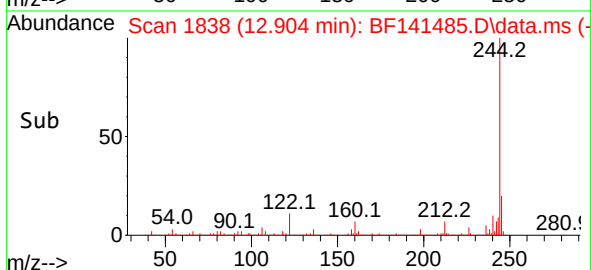
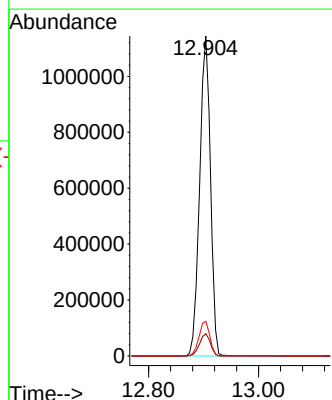
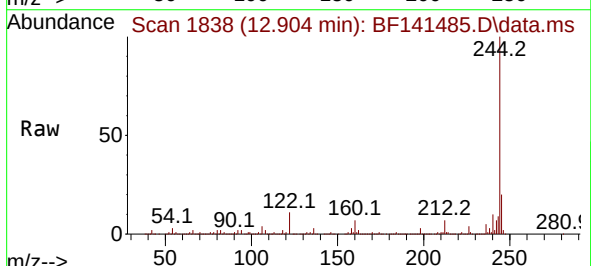
Tgt Ion:244 Resp: 1563147

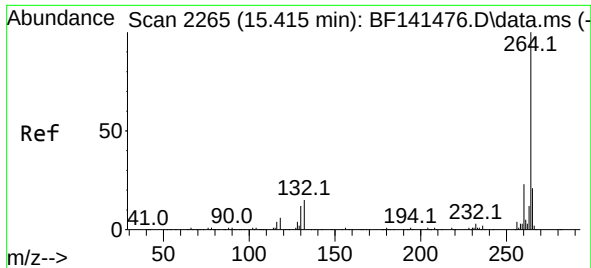
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.9 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141485.D
 Acq: 06 Feb 2025 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PARAMUS-CONDENSATERE

Tgt Ion:264 Resp: 190946
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 21.1 17.0 25.4

