

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141365.D
 Acq On : 03 Feb 2025 13:10
 Operator : RC/JU
 Sample : PB166468BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BL

Quant Time: Feb 03 13:32:45 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)

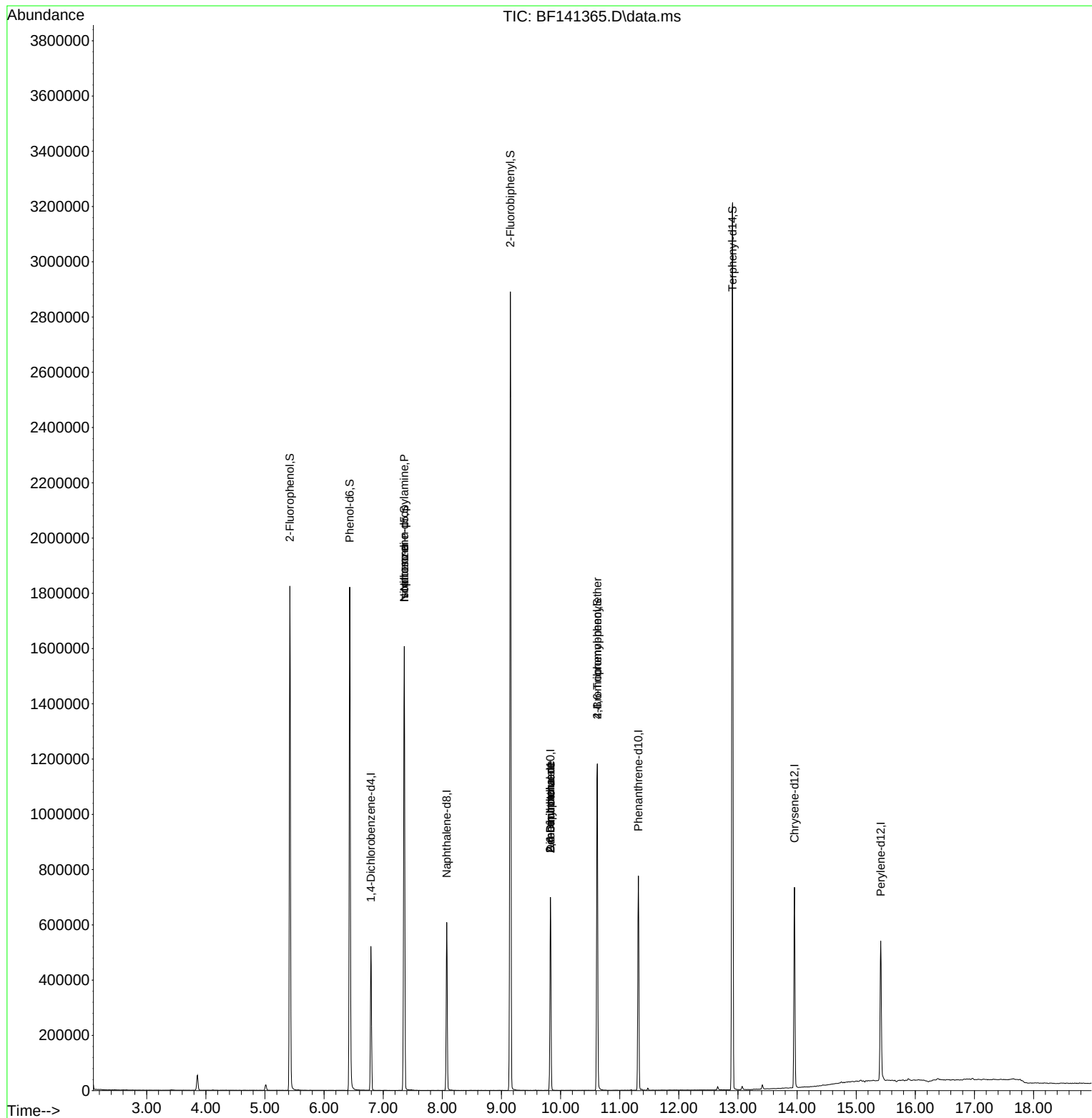
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	104898	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	387295	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	211991	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	385856	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	346296	20.000	ng	-0.02
86) Perylene-d12	15.415	264	292363	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	656604	96.095	ng	0.01
7) Phenol-d6	6.434	99	834121	95.961	ng	0.00
23) Nitrobenzene-d5	7.357	82	734171	99.931	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	191945	98.764	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1308711	95.021	ng	-0.01
79) Terphenyl-d14	12.910	244	1677375	74.700	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	100947	19.545	ng	# 76
25) Isophorone	7.357	82	726831	57.233	ng	# 64
50) Dimethylphthalate	9.827	163	28658	2.002	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	26689	8.028	ng	# 23
57) 2,4-Dinitrotoluene	9.827	165	26689	6.201	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	13326	3.085	ng	# 1

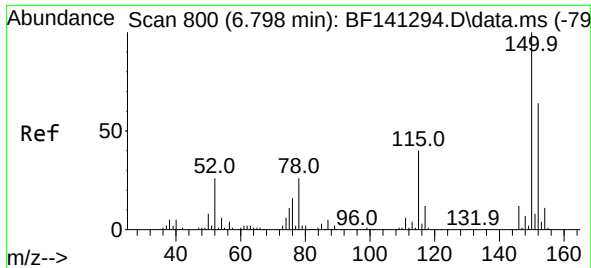
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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ClientSampleId :
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Quant Time: Feb 03 13:32:45 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

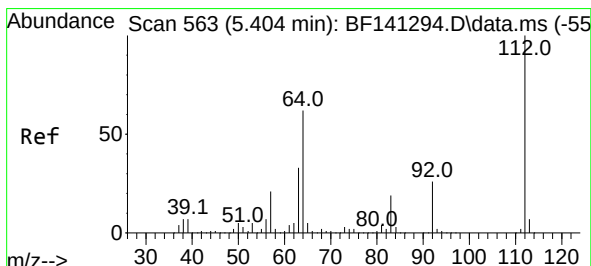
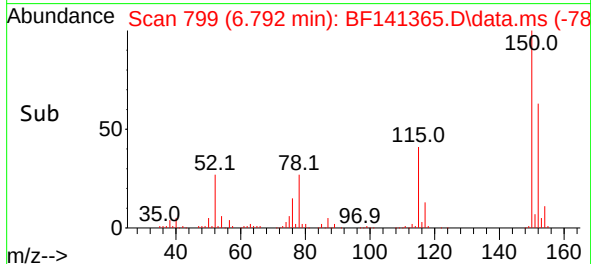
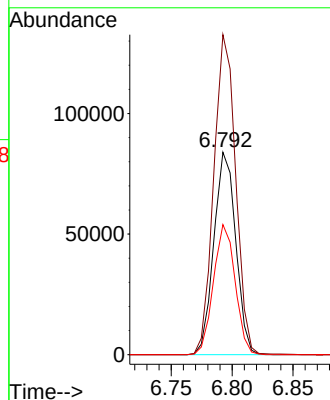
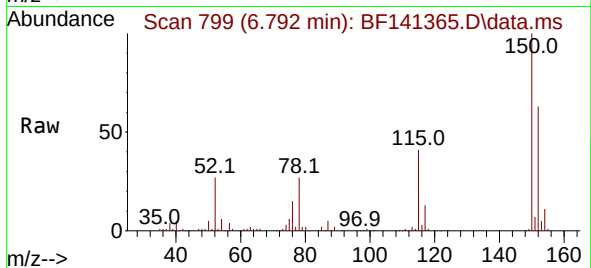




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

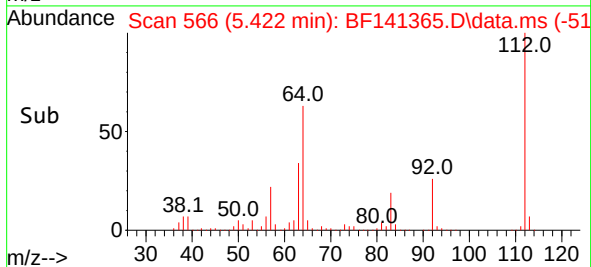
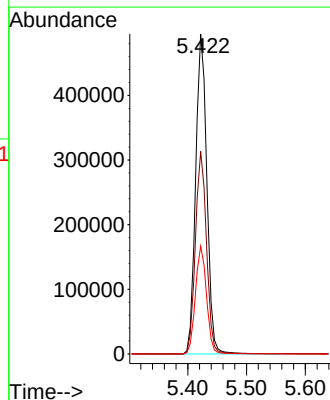
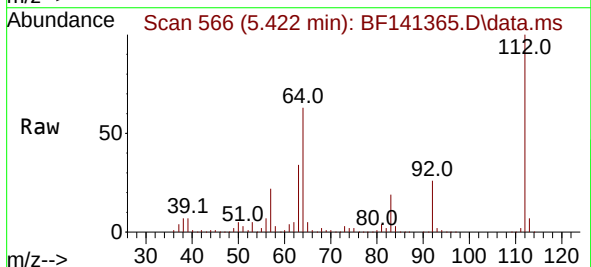
Instrument :
BNA_F
ClientSampleId :
PB166468BL

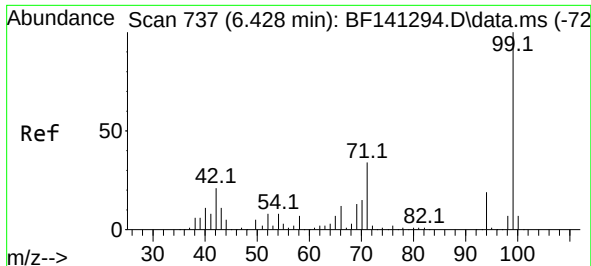
Tgt Ion:152 Resp: 104898
Ion Ratio Lower Upper
152 100
150 158.2 125.9 188.9
115 64.3 49.7 74.5



#5
2-Fluorophenol
Concen: 96.095 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

Tgt Ion:112 Resp: 656604
Ion Ratio Lower Upper
112 100
64 63.3 49.8 74.8
63 33.7 26.1 39.1

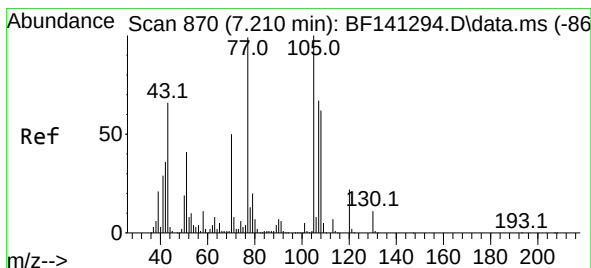
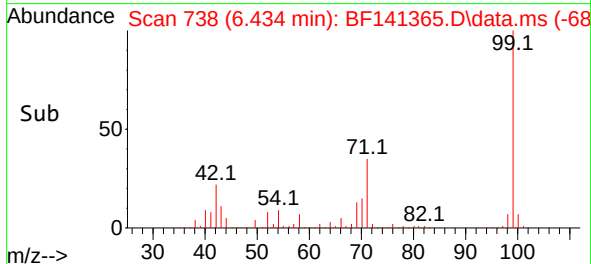
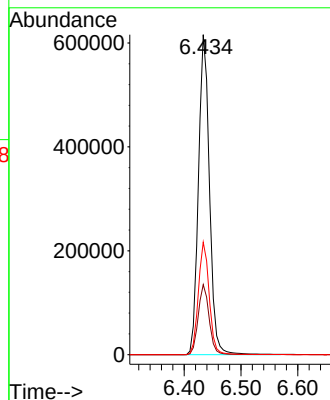
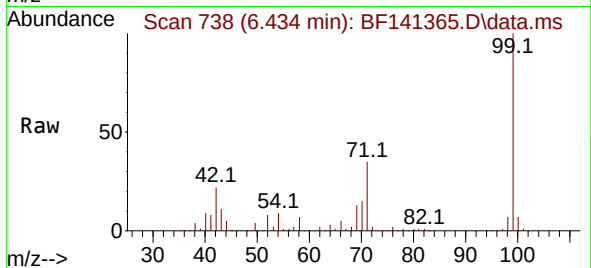




#7
Phenol-d6
Concen: 95.961 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

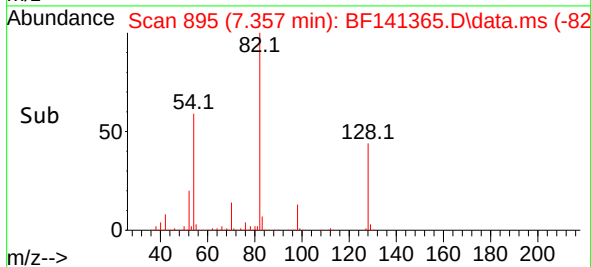
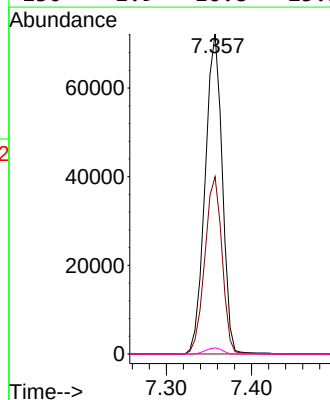
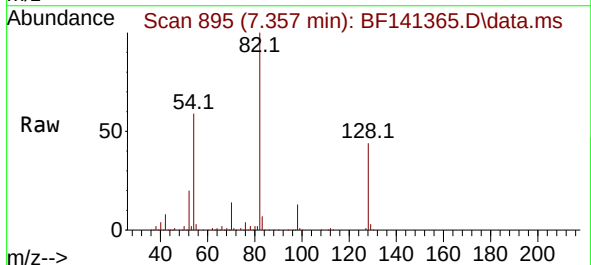
Instrument :
BNA_F
ClientSampleId :
PB166468BL

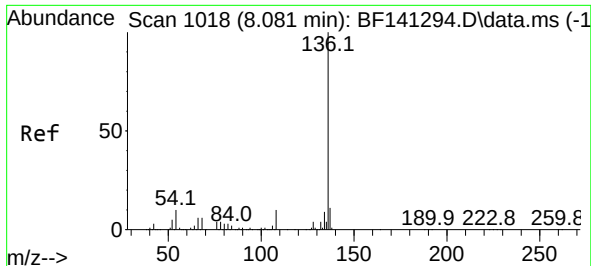
Tgt Ion: 99 Resp: 834121
Ion Ratio Lower Upper
99 100
42 21.9 17.1 25.7
71 35.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.545 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

Tgt Ion: 70 Resp: 100947
Ion Ratio Lower Upper
70 100
42 55.4 56.8 85.2#
101 0.0 7.7 11.5#
130 1.9 16.8 25.2#

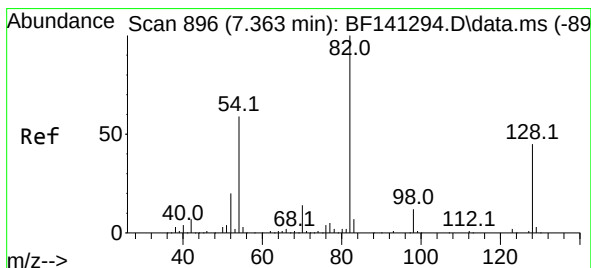
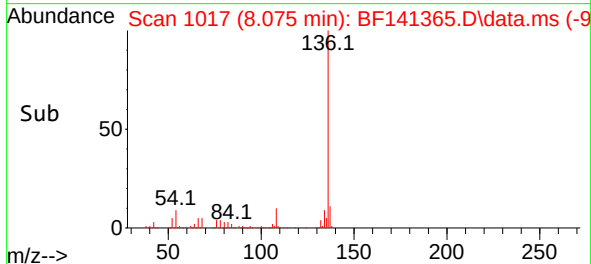
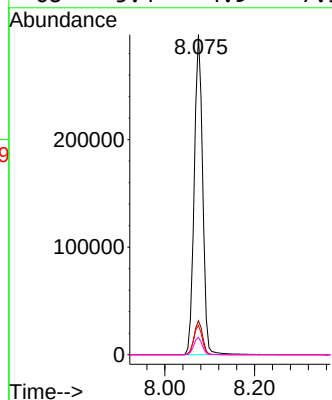
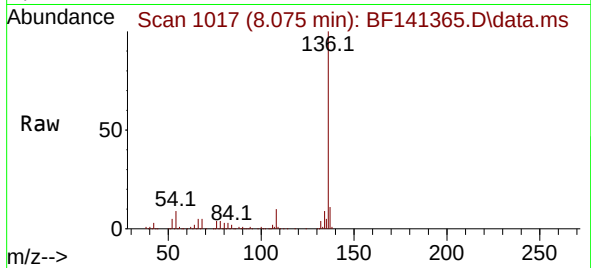




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

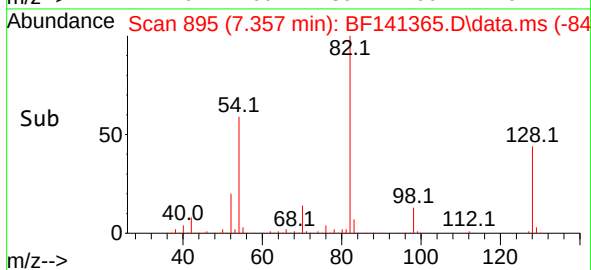
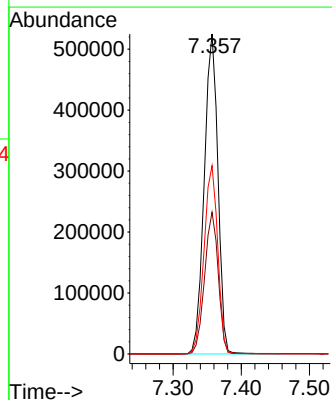
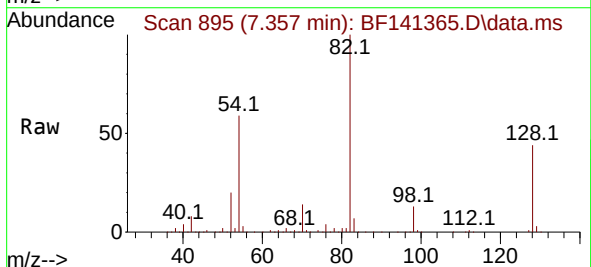
Instrument :
BNA_F
ClientSampleId :
PB166468BL

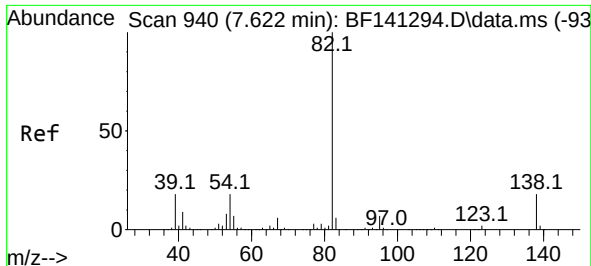
Tgt Ion:136	Resp: 387295		
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.2	7.8	11.8
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 99.931 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

Tgt Ion: 82	Resp: 734171
Ion Ratio	Lower Upper
82 100	
128 44.3	35.7 53.5
54 58.8	47.1 70.7

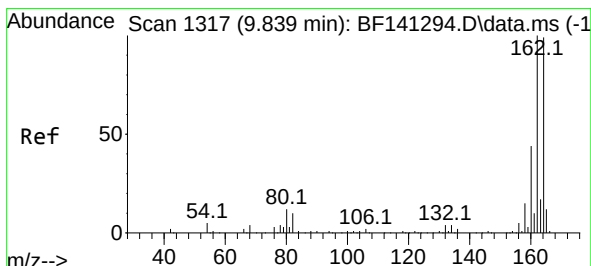
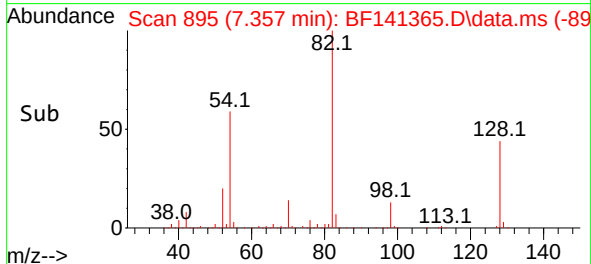
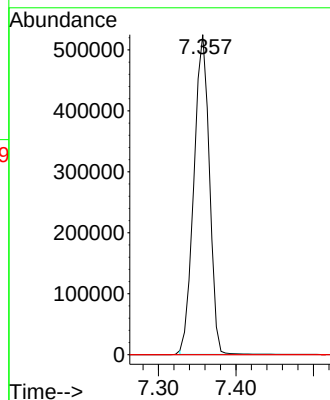
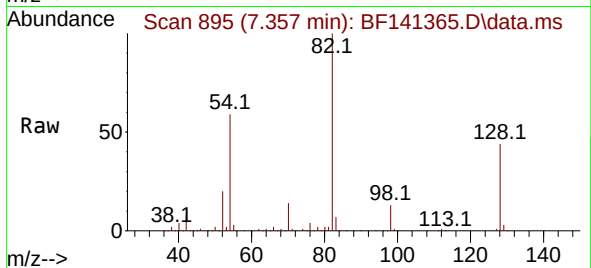




#25
Isophorone
Concen: 57.233 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

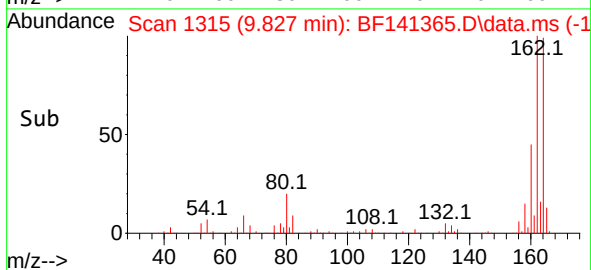
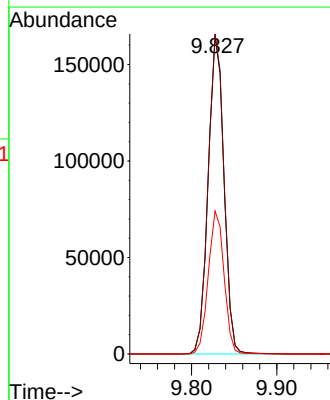
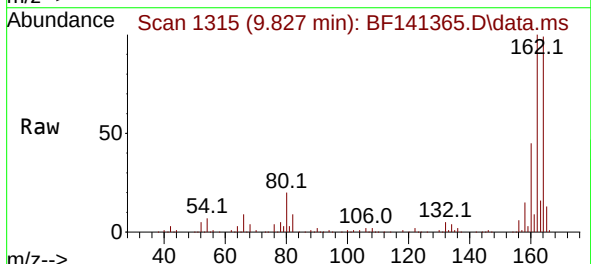
Instrument :
BNA_F
ClientSampleId :
PB166468BL

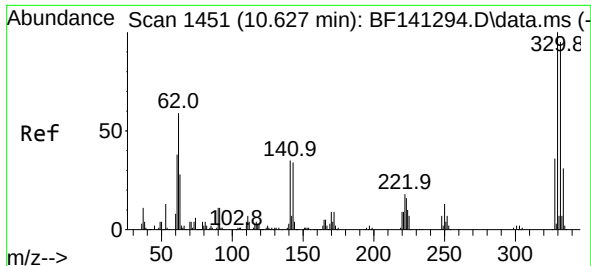
Tgt Ion: 82 Resp: 726831
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

Tgt Ion:164 Resp: 211991
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 45.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 98.764 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141365.D

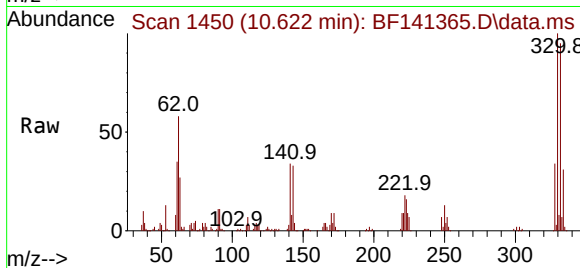
Acq: 03 Feb 2025 13:10

Instrument :

BNA_F

ClientSampleId :

PB166468BL



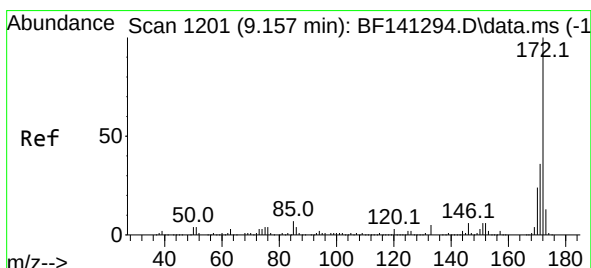
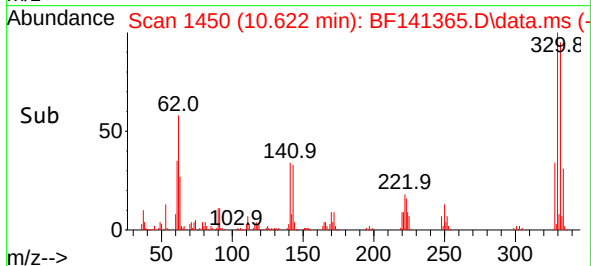
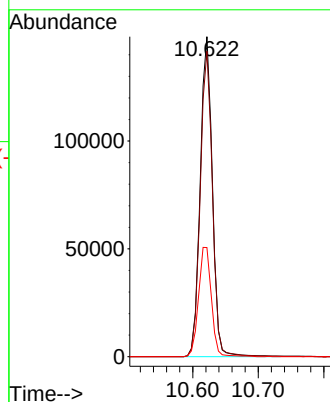
Tgt Ion:330 Resp: 191945

Ion Ratio Lower Upper

330 100

332 95.9 76.1 114.1

141 36.1 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 95.021 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141365.D

Acq: 03 Feb 2025 13:10

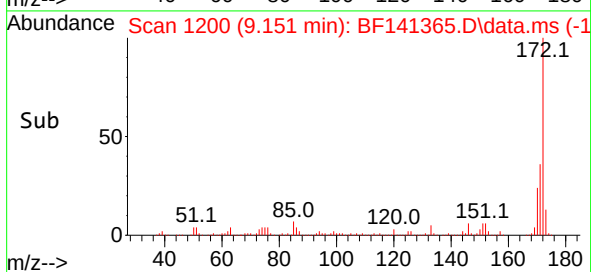
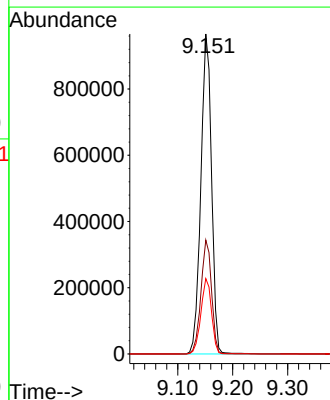
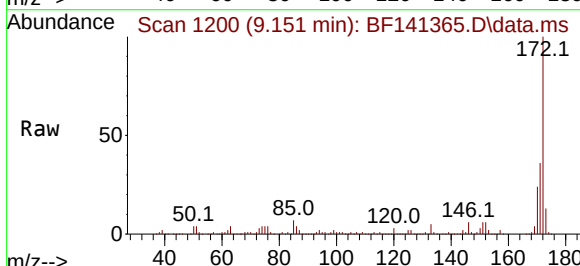
Tgt Ion:172 Resp: 1308711

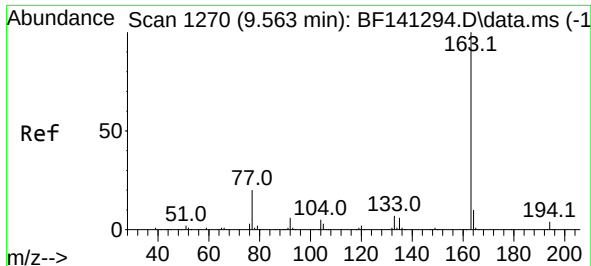
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.6 19.0 28.6

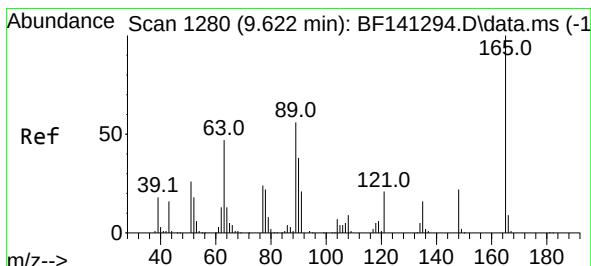
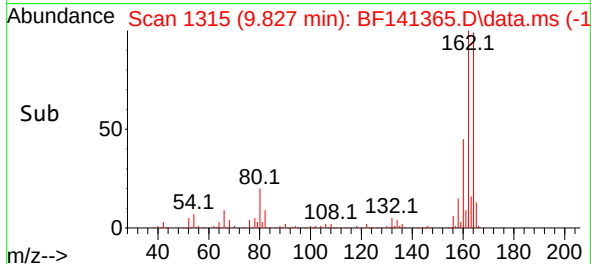
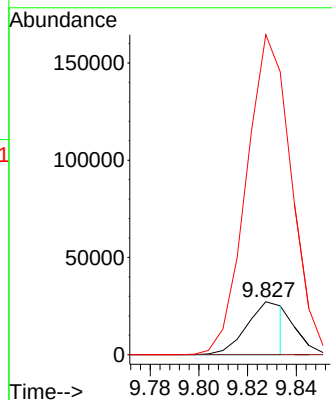
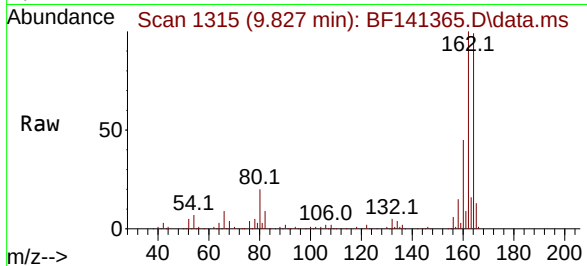




#50
Dimethylphthalate
Concen: 2.002 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

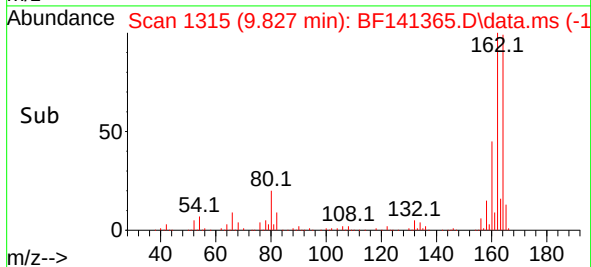
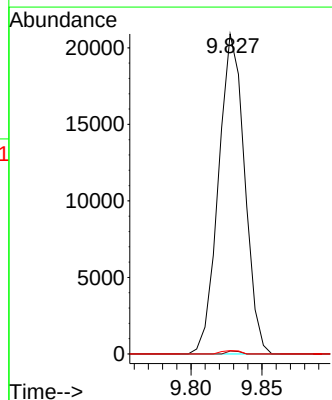
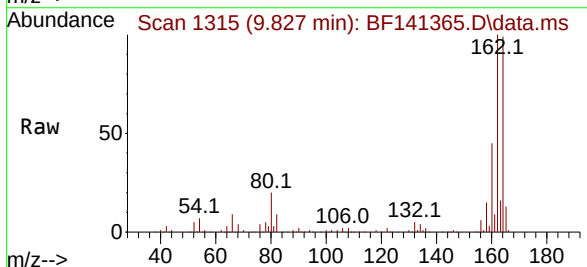
Instrument :
BNA_F
ClientSampleId :
PB166468BL

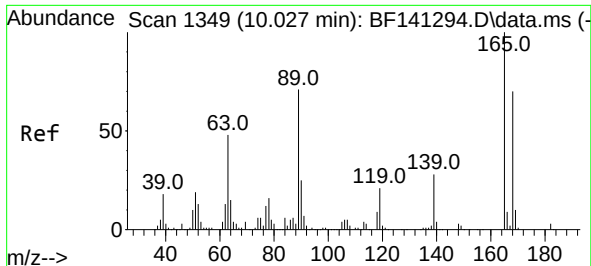
Tgt Ion:163 Resp: 28658
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 604.9 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.028 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

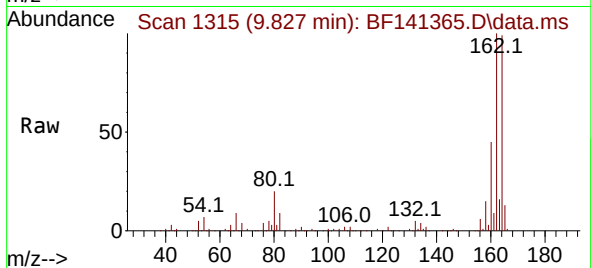
Tgt Ion:165 Resp: 26689
Ion Ratio Lower Upper
165 100
63 0.9 48.1 72.1#
89 1.0 44.9 67.3#



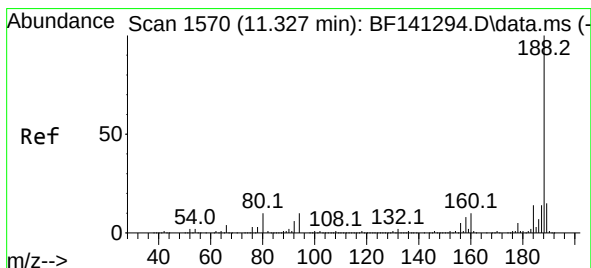
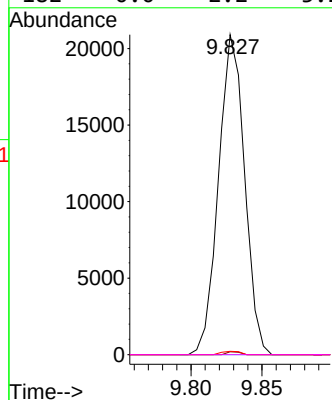
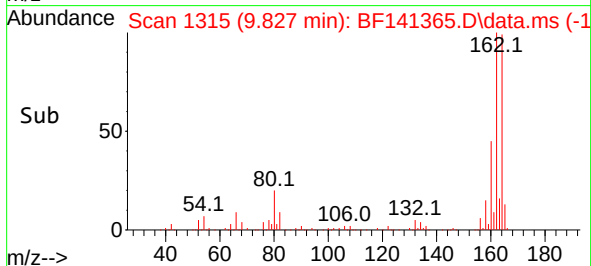


#57
2,4-Dinitrotoluene
Concen: 6.201 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

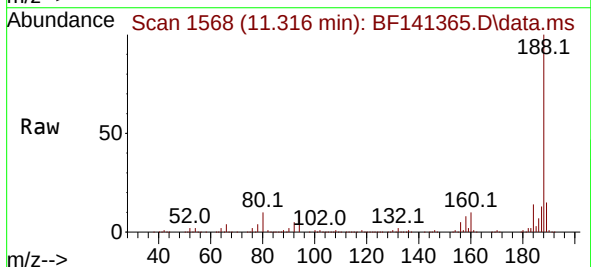
Instrument :
BNA_F
ClientSampleId :
PB166468BL



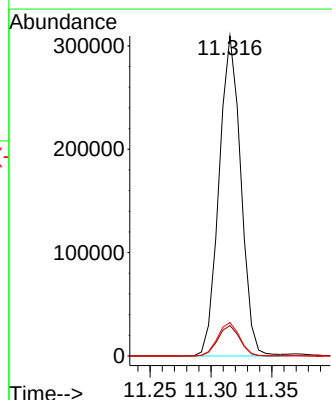
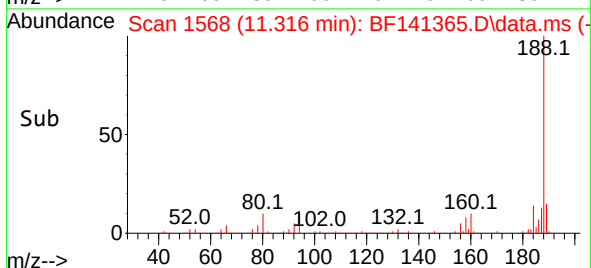
Tgt Ion:165 Resp: 26689
Ion Ratio Lower Upper
165 100
63 0.9 39.2 58.8#
89 1.0 56.9 85.3#
182 0.0 2.2 3.2#

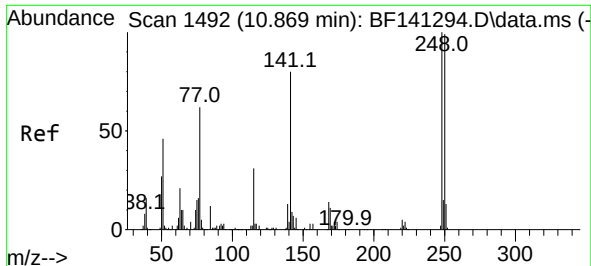


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10



Tgt Ion:188 Resp: 385856
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.5 8.2 12.4

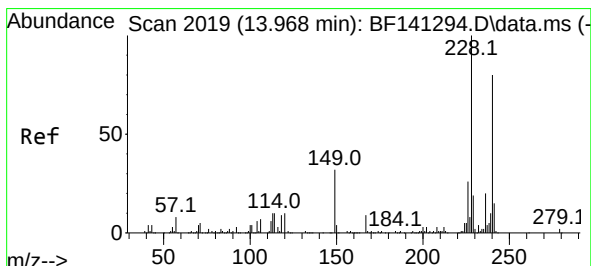
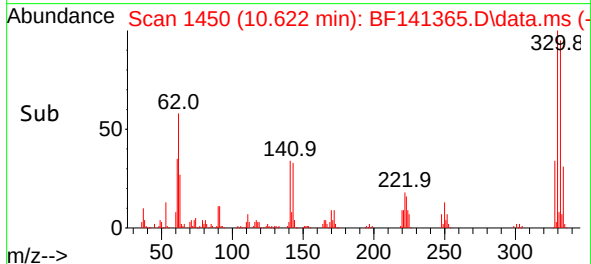
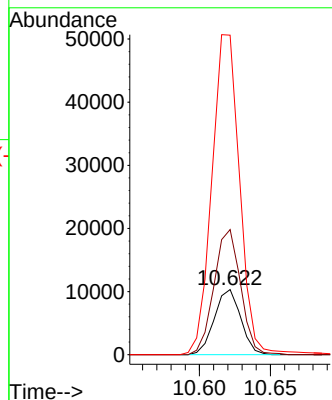
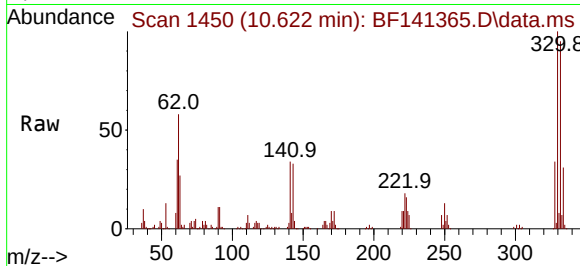




#67
4-Bromophenyl-phenylether
Concen: 3.085 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

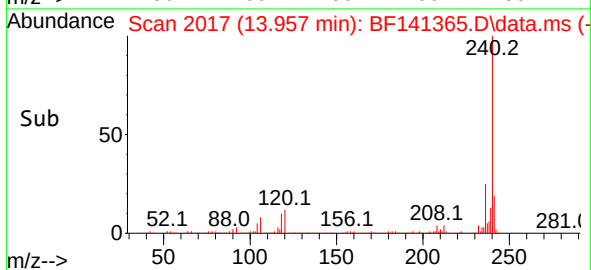
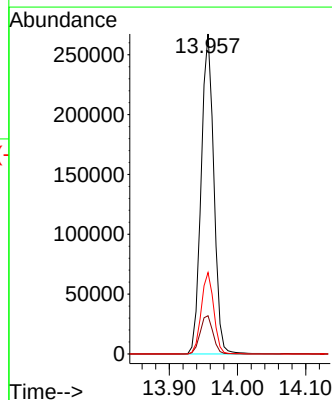
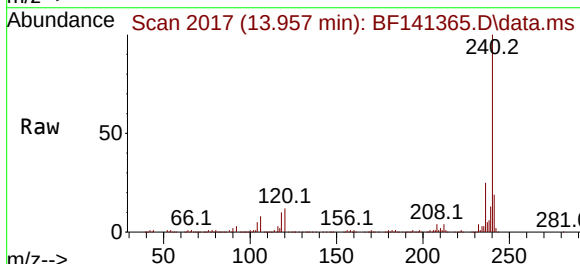
Instrument :
BNA_F
ClientSampleId :
PB166468BL

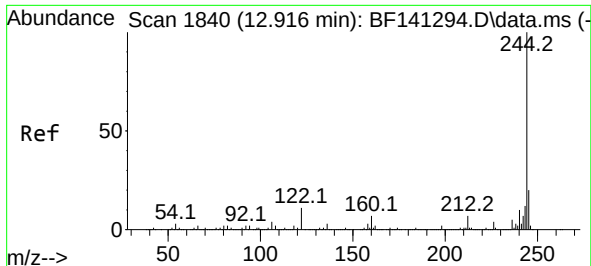
Tgt Ion:248 Resp: 13326
Ion Ratio Lower Upper
248 100
250 192.3 79.0 118.4#
141 491.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141365.D
Acq: 03 Feb 2025 13:10

Tgt Ion:240 Resp: 346296
Ion Ratio Lower Upper
240 100
120 11.9 10.0 15.0
236 25.5 19.7 29.5

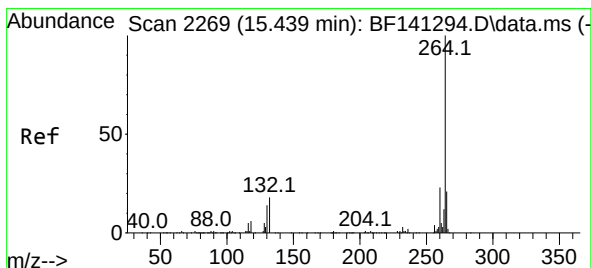
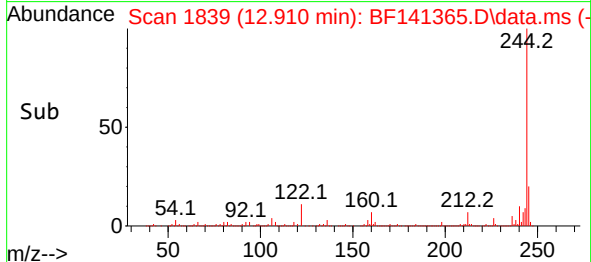
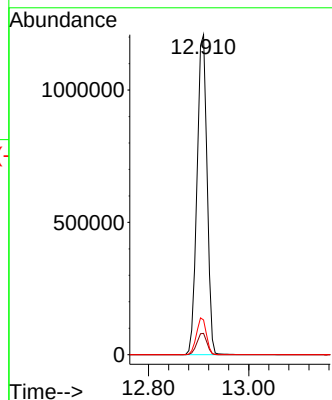
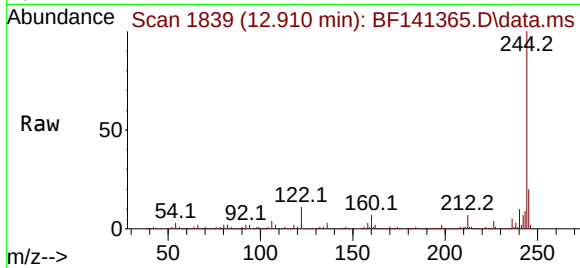




#79
 Terphenyl-d14
 Concen: 74.700 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141365.D
 Acq: 03 Feb 2025 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BL

Tgt Ion:244 Resp: 1677375
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.9 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: BF141365.D
 Acq: 03 Feb 2025 13:10

Tgt Ion:264 Resp: 292363
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.4 16.7 25.1

