

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142088.D
 Acq On : 25 Mar 2025 20:07
 Operator : RC/JU
 Sample : Q1630-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206

Quant Time: Mar 25 21:51:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

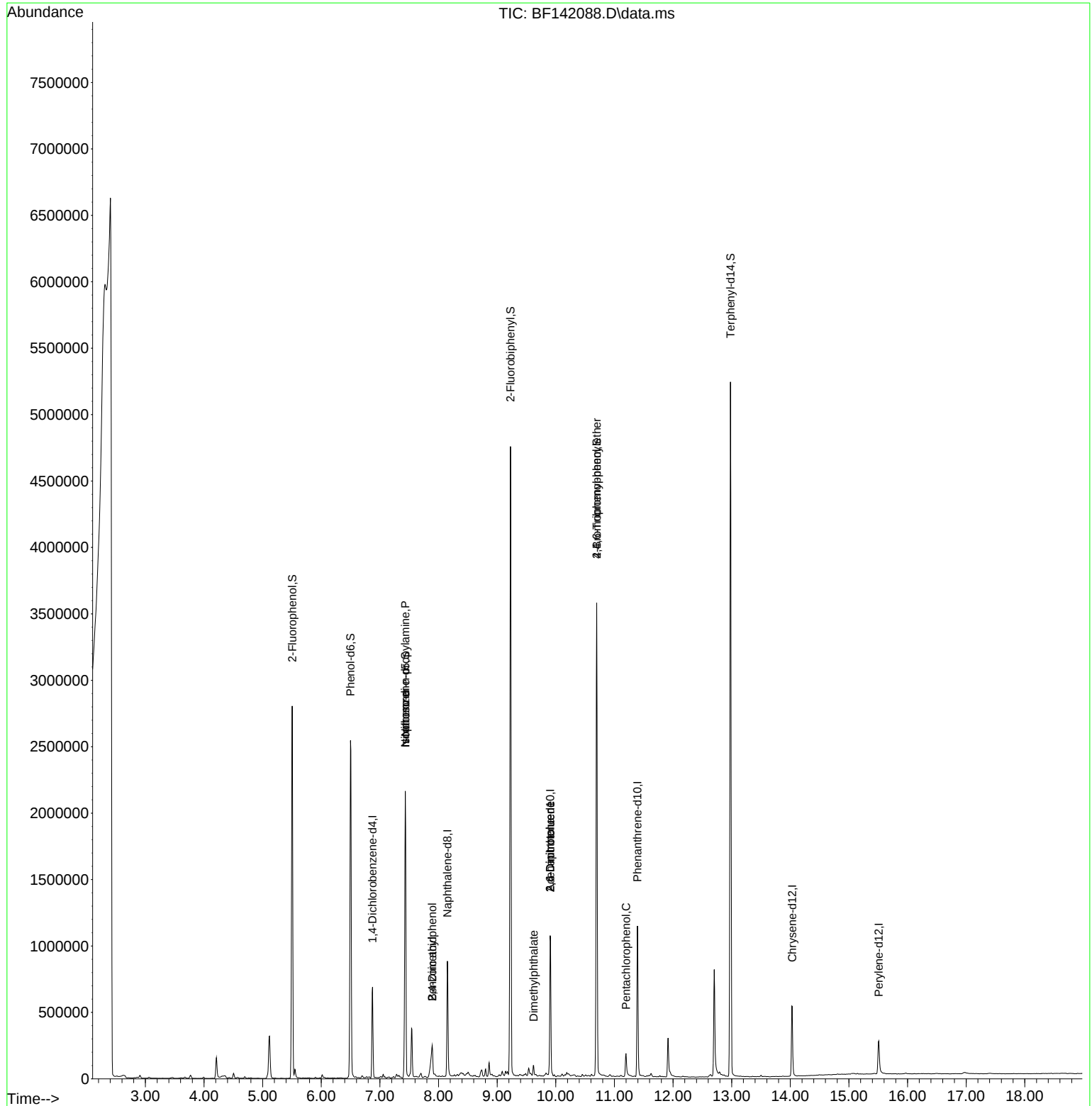
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	148326	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	574733	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	331118	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	582764	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	293555	20.000	ng	0.00
86) Perylene-d12	15.510	264	191120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1125238	126.611	ng	0.01
7) Phenol-d6	6.498	99	1371979	121.247	ng	0.00
23) Nitrobenzene-d5	7.434	82	1044712	102.295	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	716223	170.502	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2163690	99.377	ng	-0.01
79) Terphenyl-d14	12.980	244	2640801	133.001	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	146033	20.085	ng	# 78
25) Isophorone	7.434	82	1030140	57.063	ng	# 64
27) 2,4-Dimethylphenol	7.892	122	128562	18.737	ng	# 3
32) Benzoic acid	7.892	122	128562	21.316	ng	98
50) Dimethylphthalate	9.622	163	48331	2.084	ng	99
51) 2,6-Dinitrotoluene	9.904	165	44017	9.117	ng	# 23
57) 2,4-Dinitrotoluene	9.904	165	44122	6.997	ng	# 25
67) 4-Bromophenyl-phenylether	10.698	248	44574	6.090	ng	# 1
70) Pentachlorophenol	11.198	266	36626	7.406	ng	100

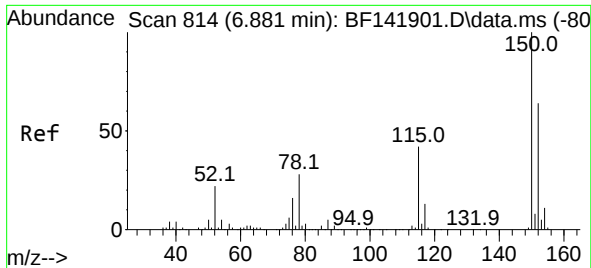
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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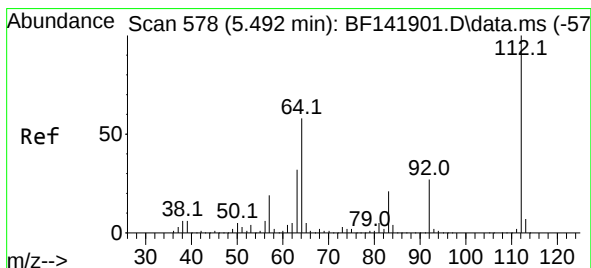
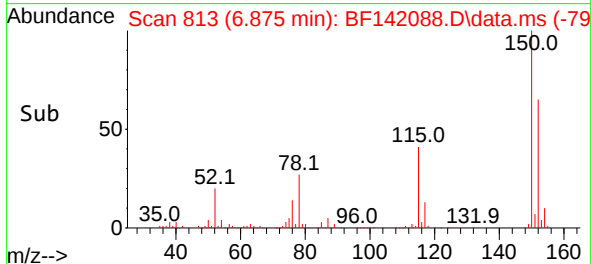
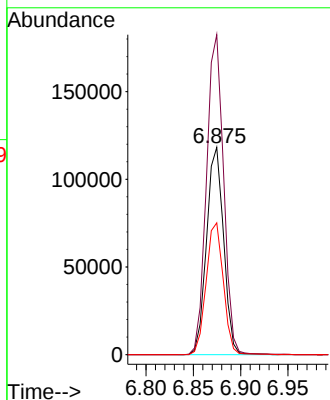
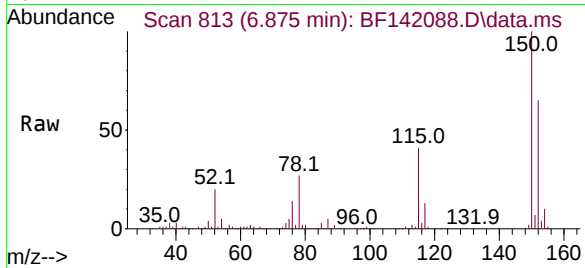




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

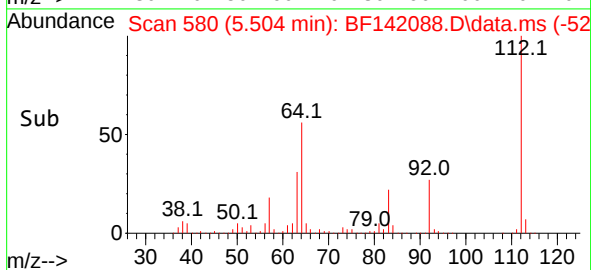
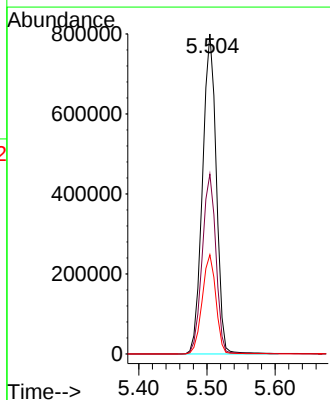
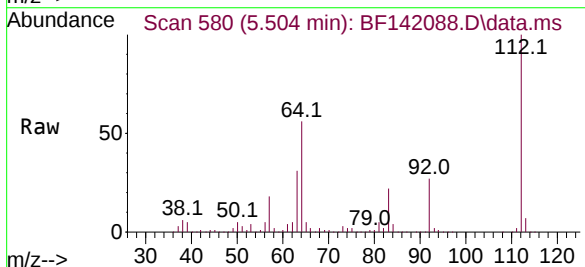
Instrument :
BNA_F
ClientSampleId :
VNJ-206

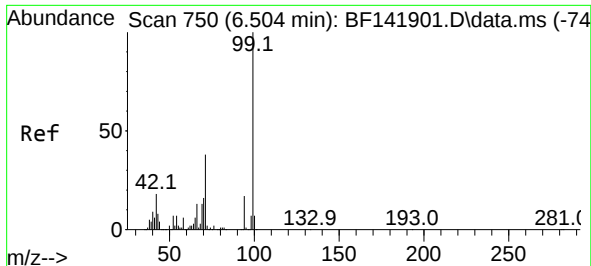
Tgt Ion:152 Resp: 148326
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.2
115 63.6 51.9 77.9



#5
2-Fluorophenol
Concen: 126.611 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

Tgt Ion:112 Resp: 1125238
Ion Ratio Lower Upper
112 100
64 56.2 46.5 69.7
63 31.0 25.4 38.2

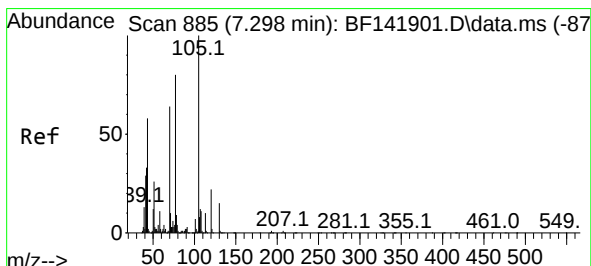
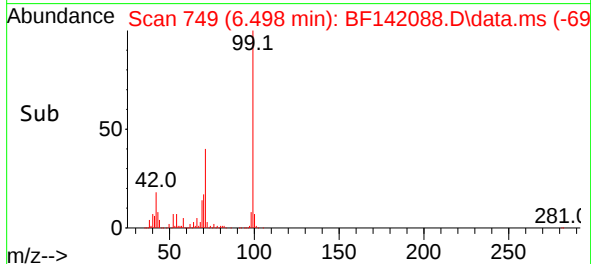
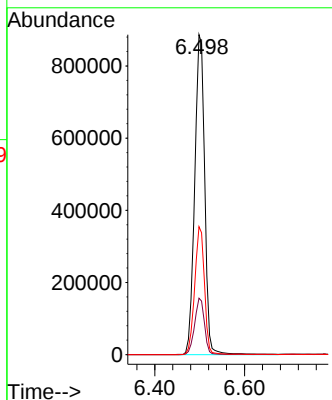
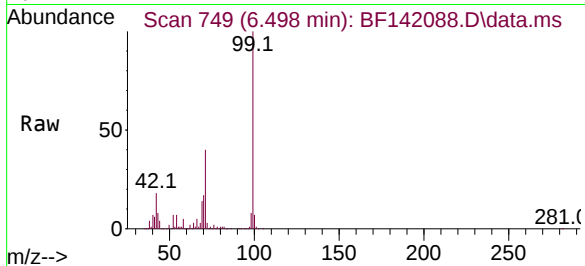




#7
Phenol-d6
Concen: 121.247 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

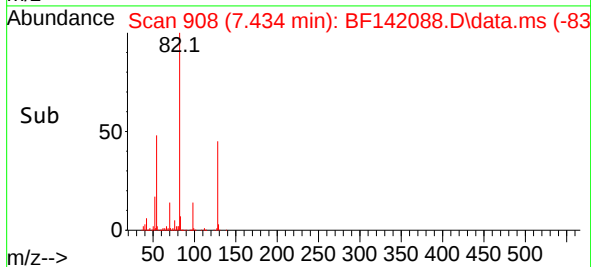
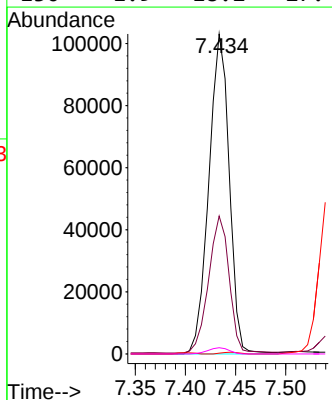
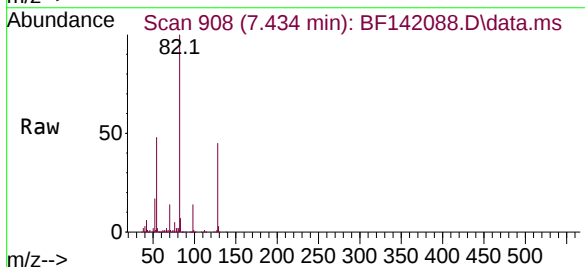
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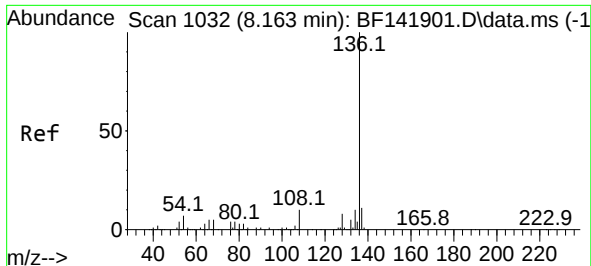
Tgt Ion: 99 Resp: 1371979
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 40.0 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.085 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

Tgt Ion: 70 Resp: 146033
Ion Ratio Lower Upper
70 100
42 43.1 41.4 62.0
101 0.2 8.2 12.2#
130 1.9 18.2 27.4#

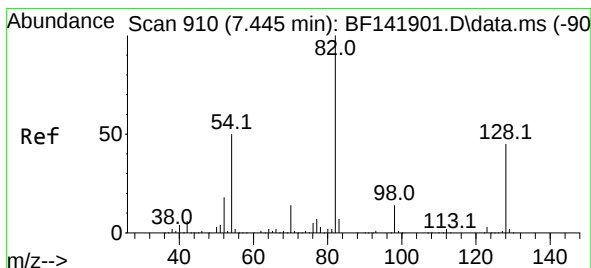
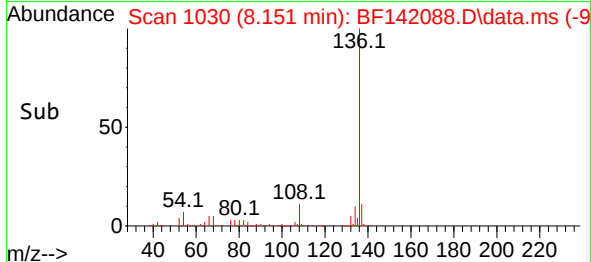
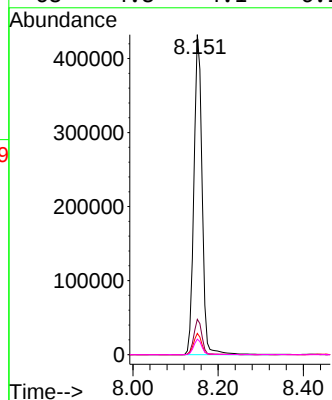
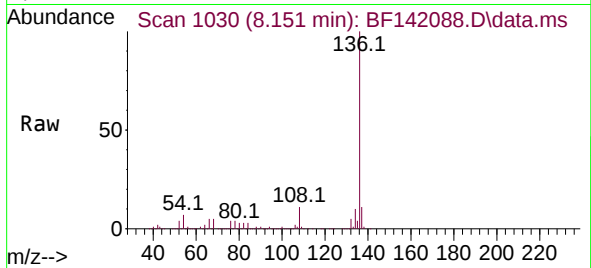




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

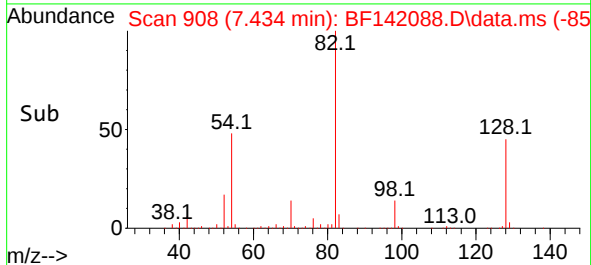
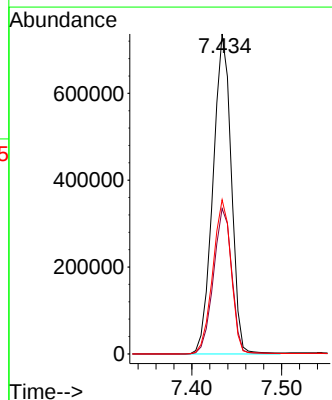
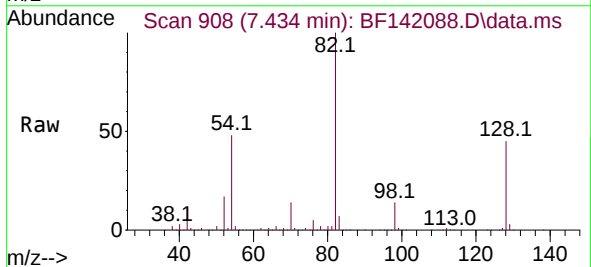
Instrument :
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ClientSampleId :
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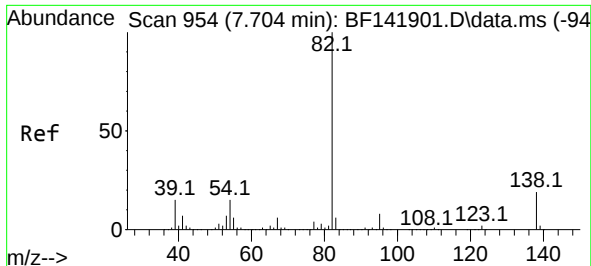
Tgt Ion:	136	Resp:	574733
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	6.6	5.8	8.8
68	4.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 102.295 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

Tgt Ion:	82	Resp:	1044712
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.0	54.0
54	48.2	39.6	59.4

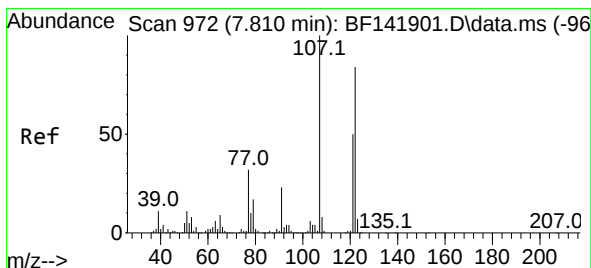
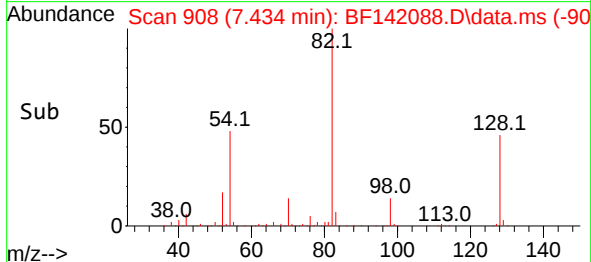
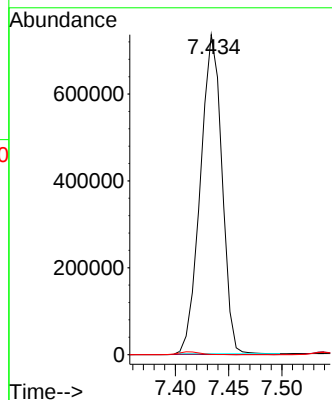
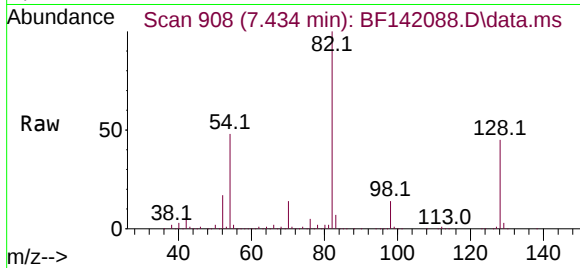




#25
Isophorone
Concen: 57.063 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

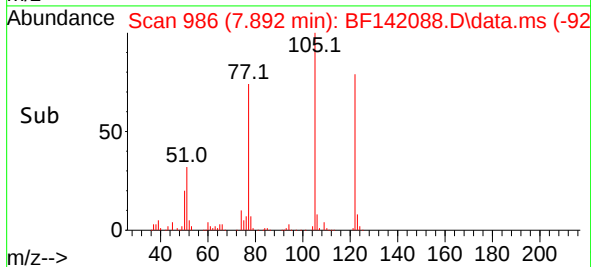
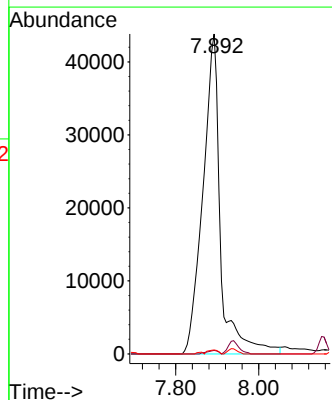
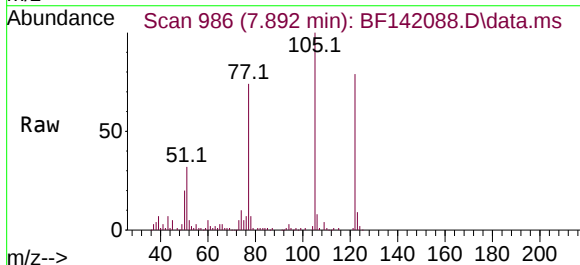
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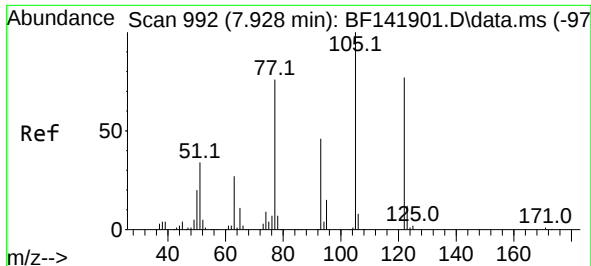
Tgt Ion: 82 Resp: 1030140
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.1 14.9 22.3#



#27
2,4-Dimethylphenol
Concen: 18.737 ng
RT: 7.892 min Scan# 986
Delta R.T. 0.082 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

Tgt Ion:122 Resp: 128562
Ion Ratio Lower Upper
122 100
107 1.1 94.8 142.2#
121 1.2 47.8 71.6#

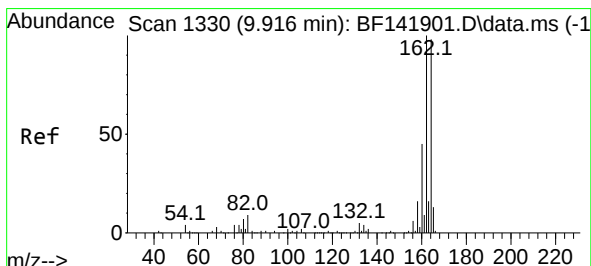
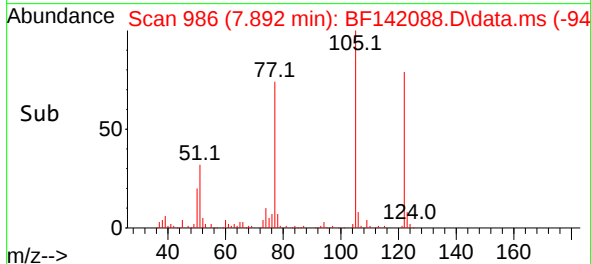
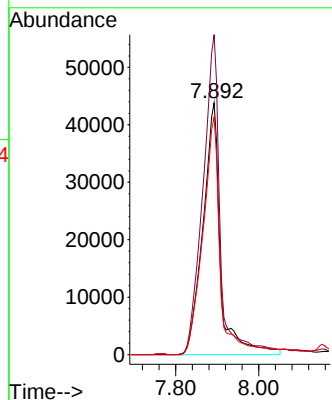
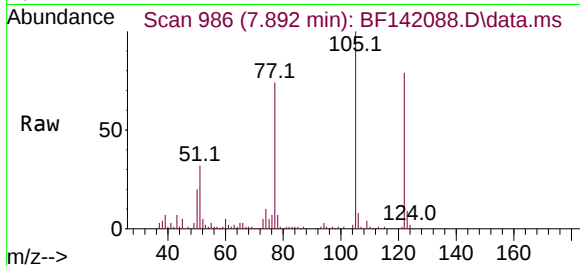




#32
Benzoic acid
Concen: 21.316 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.036 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

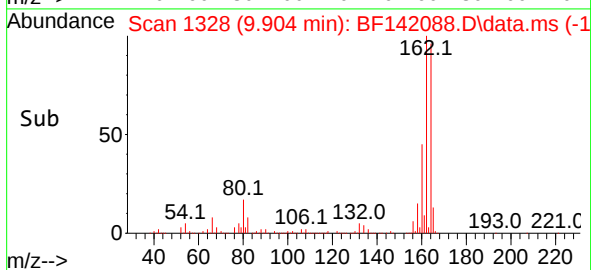
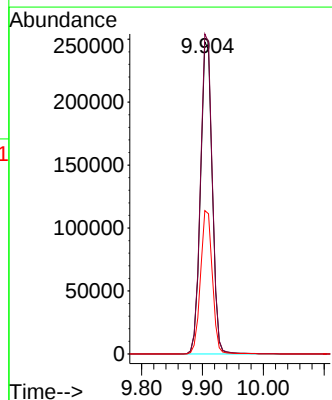
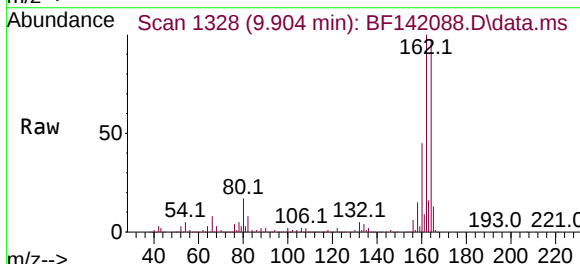
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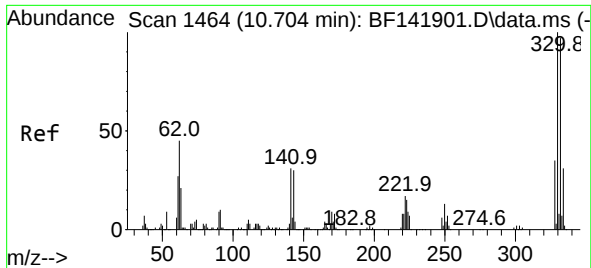
Tgt Ion:122 Resp: 128562
Ion Ratio Lower Upper
122 100
105 127.1 107.9 147.9
77 94.3 79.0 119.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

Tgt Ion:164 Resp: 331118
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 45.9 36.7 55.1

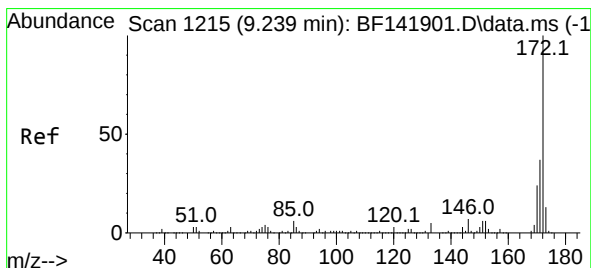
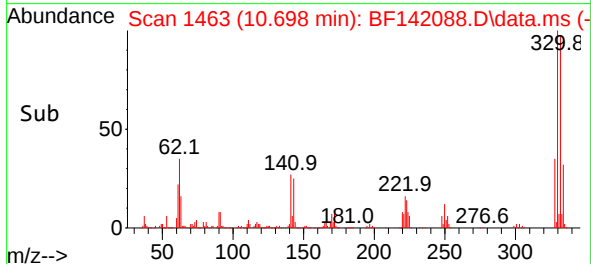
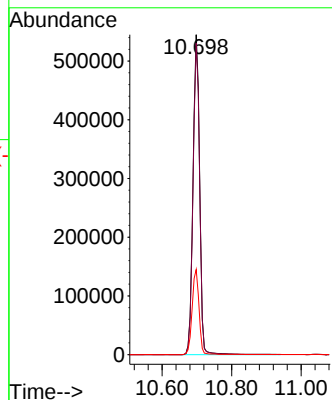
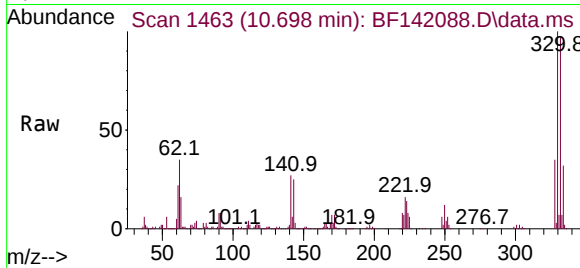




#42
 2,4,6-Tribromophenol
 Concen: 170.502 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142088.D
 Acq: 25 Mar 2025 20:07

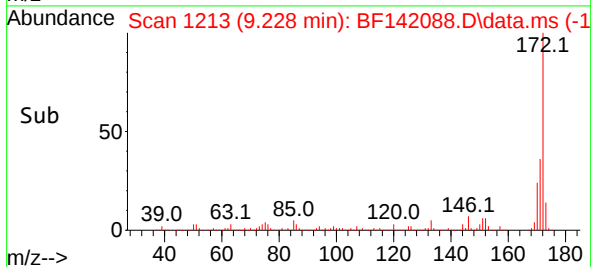
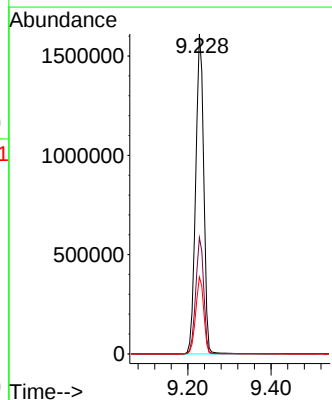
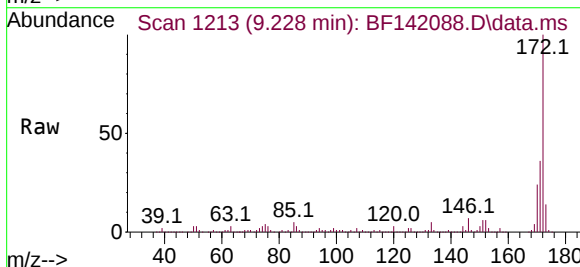
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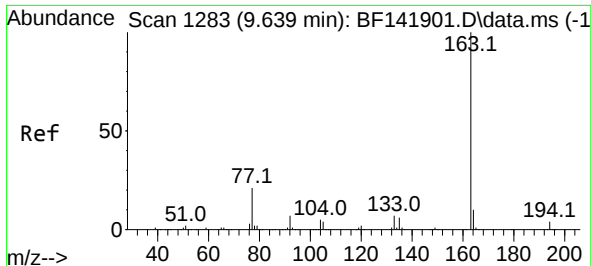
Tgt Ion:330 Resp: 716223
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.6 116.4
 141 27.5 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 99.377 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142088.D
 Acq: 25 Mar 2025 20:07

Tgt Ion:172 Resp: 2163690
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 24.0 19.4 29.0

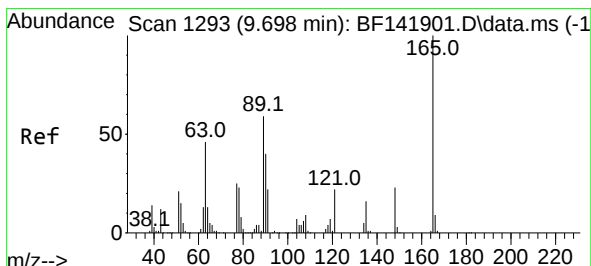
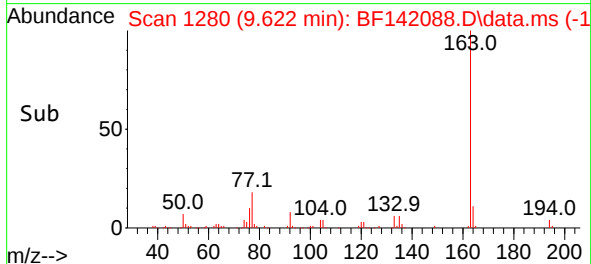
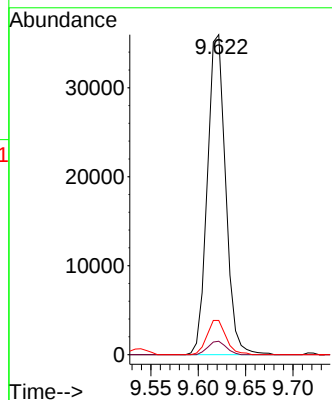
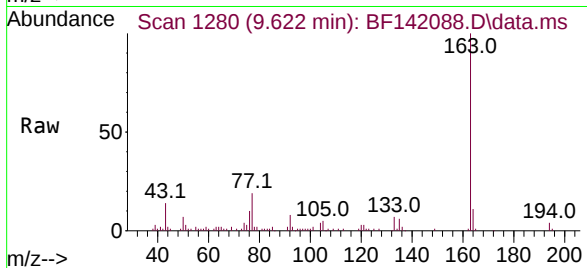




#50
Dimethylphthalate
Concen: 2.084 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

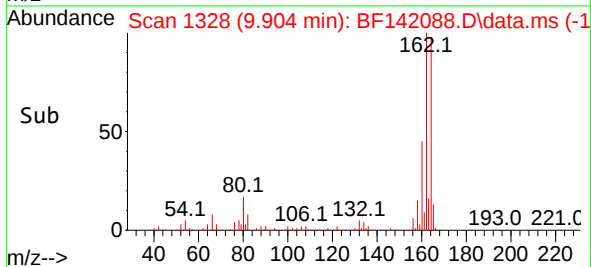
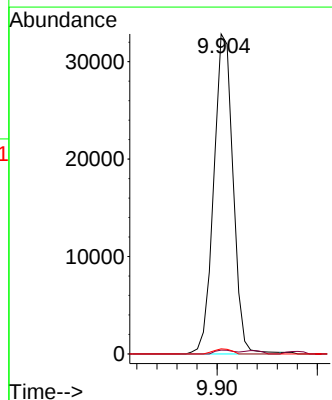
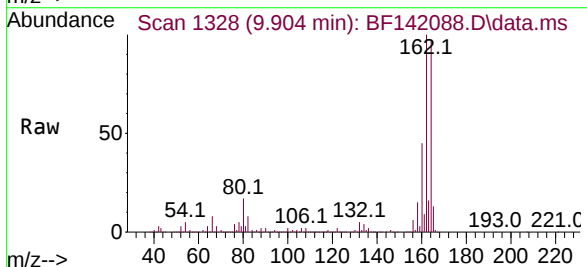
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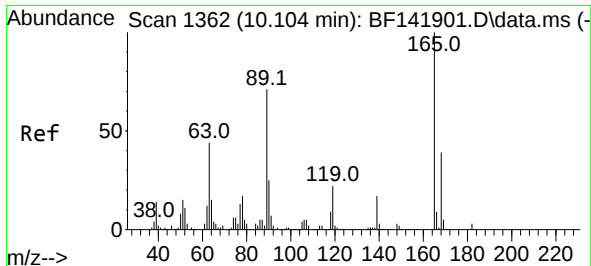
Tgt Ion:163 Resp: 48331
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.7 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 9.117 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

Tgt Ion:165 Resp: 44017
Ion Ratio Lower Upper
165 100
63 1.2 47.0 70.4#
89 1.6 47.4 71.2#

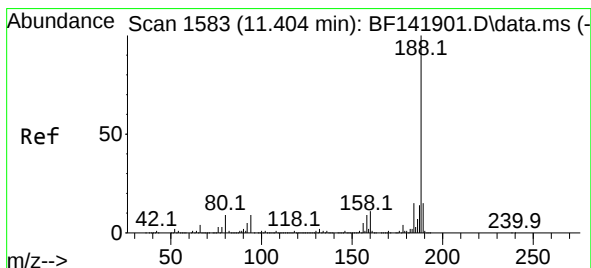
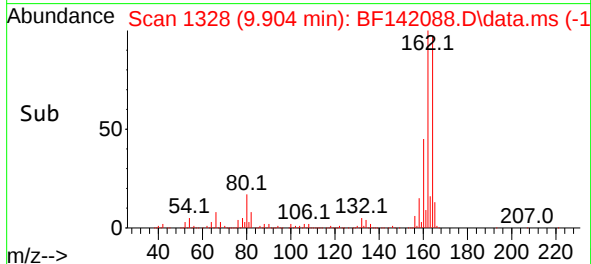
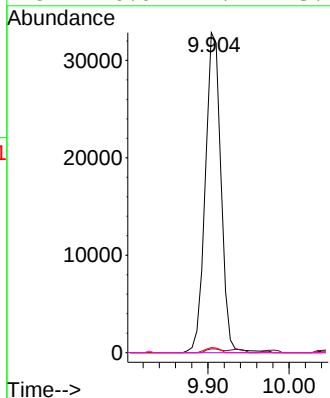
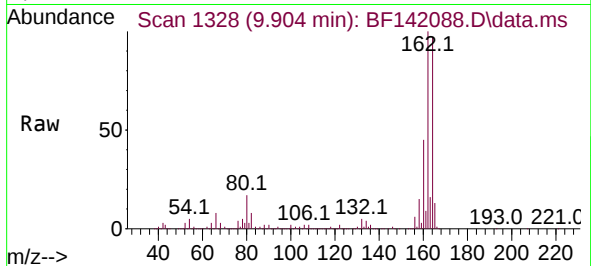




#57
2,4-Dinitrotoluene
Concen: 6.997 ng
RT: 9.904 min Scan# 1362
Delta R.T. -0.200 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

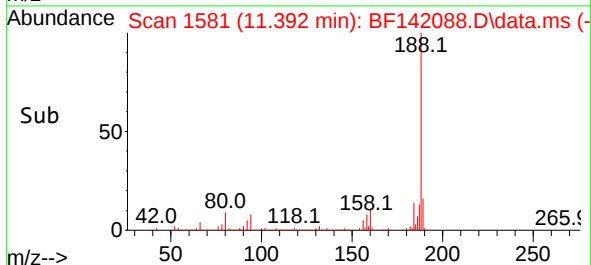
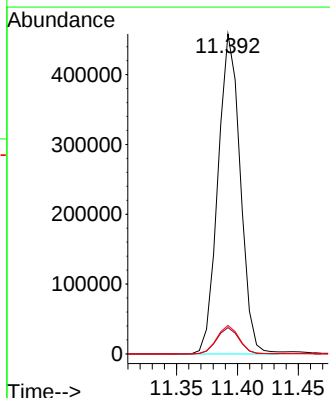
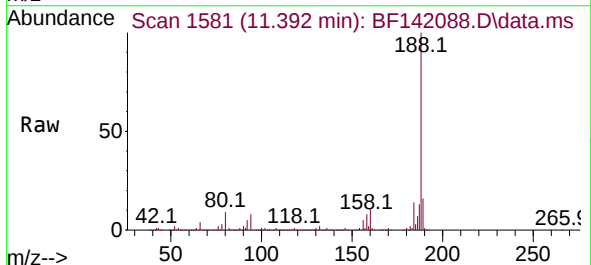
Instrument :
BNA_F
ClientSampleId :
VNJ-206

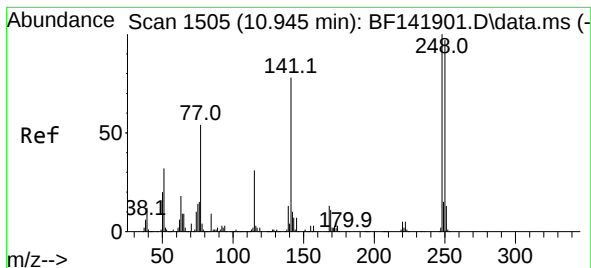
Tgt Ion:165 Resp: 44122
Ion Ratio Lower Upper
165 100
63 1.2 35.4 53.2#
89 1.6 56.6 84.8#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

Tgt Ion:188 Resp: 582764
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.9 7.6 11.4

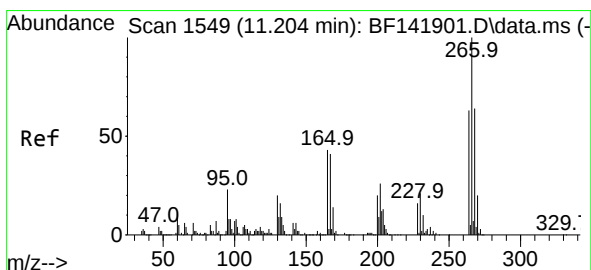
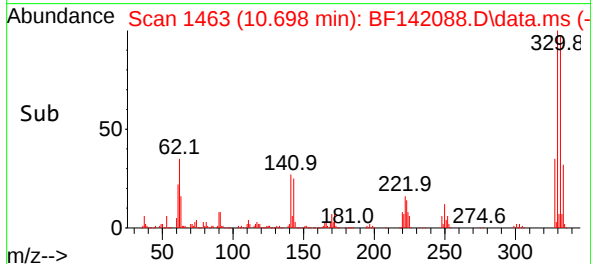
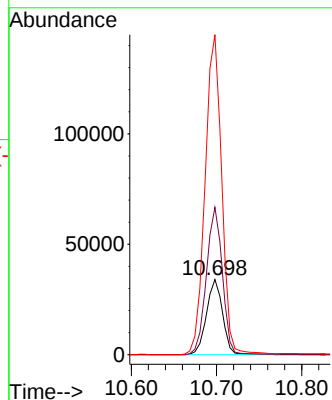
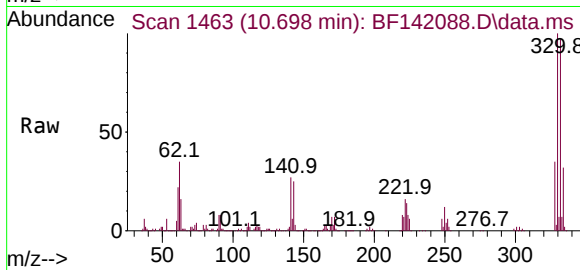




#67
4-Bromophenyl-phenylether
Concen: 6.090 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

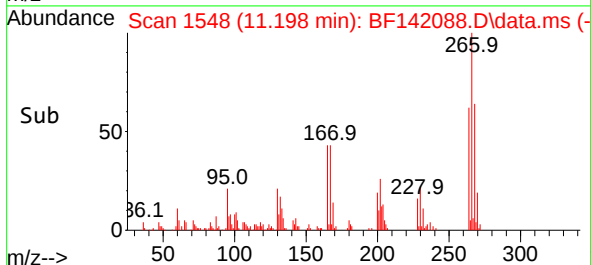
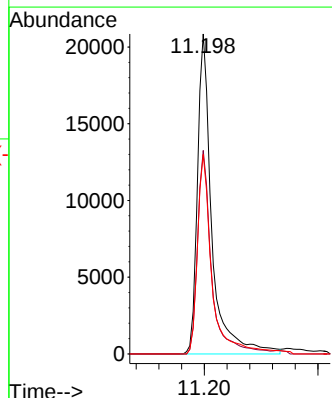
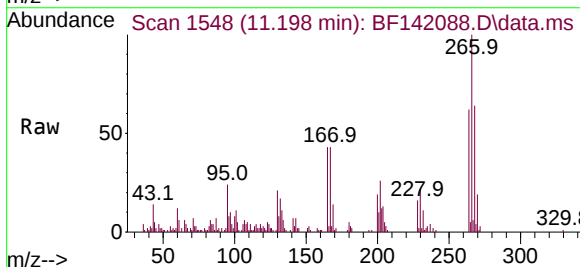
Instrument :
BNA_F
ClientSampleId :
VNJ-206

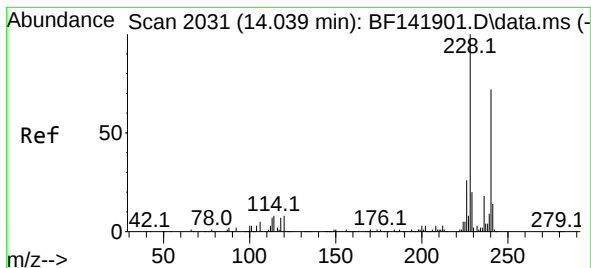
Tgt Ion:248 Resp: 44574
Ion Ratio Lower Upper
248 100
250 196.0 77.8 116.8#
141 426.1 62.6 93.8#



#70
Pentachlorophenol
Concen: 7.406 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

Tgt Ion:266 Resp: 36626
Ion Ratio Lower Upper
266 100
268 63.6 51.0 76.6
264 62.3 50.2 75.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF142088.D

Acq: 25 Mar 2025 20:07

Instrument :

BNA_F

ClientSampleId :

VNJ-206

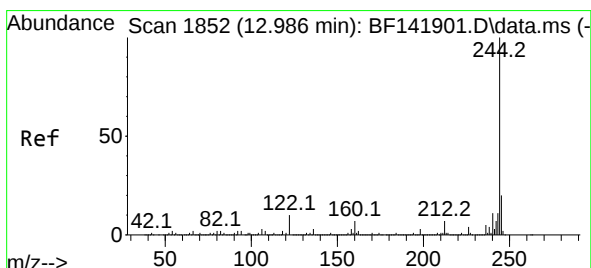
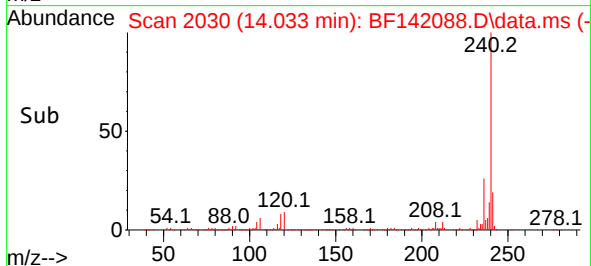
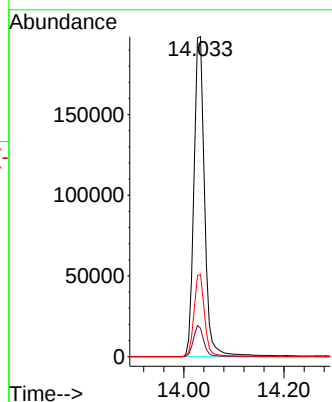
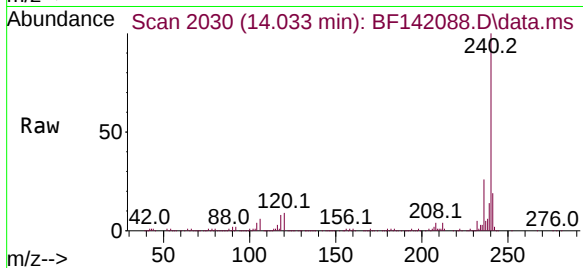
Tgt Ion:240 Resp: 293555

Ion Ratio Lower Upper

240 100

120 8.9 8.4 12.6

236 25.7 20.5 30.7



#79

Terphenyl-d14

Concen: 133.001 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142088.D

Acq: 25 Mar 2025 20:07

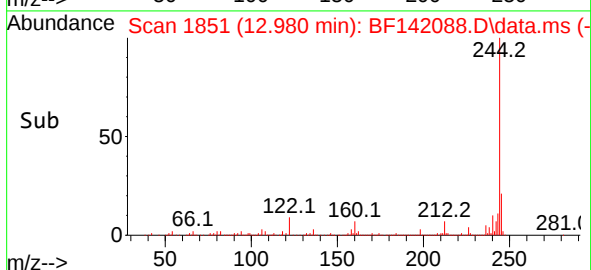
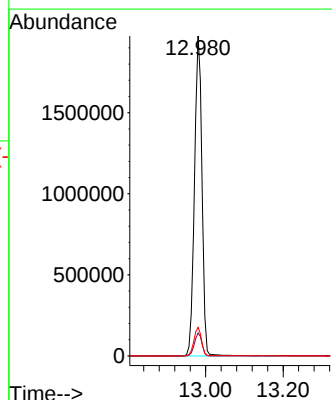
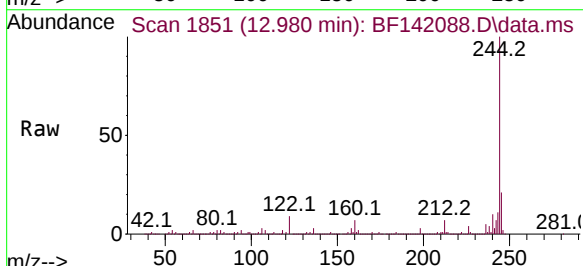
Tgt Ion:244 Resp: 2640801

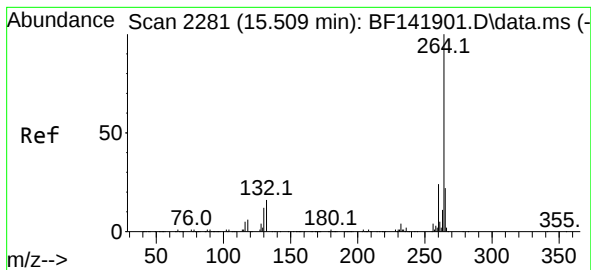
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

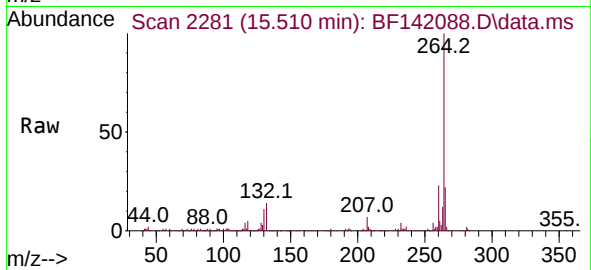
122 8.9 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

Instrument :
BNA_F
ClientSampleId :
VNJ-206



Tgt Ion:264 Resp: 191120

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.6	17.5	26.3

