

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
 Data File : BN034844.D
 Acq On : 04 Nov 2024 17:54
 Operator : RC/JU
 Sample : P4652-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP301-303-90-20241030

Quant Time: Nov 04 23:44:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 30 13:28:24 2024
 Response via : Initial Calibration

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

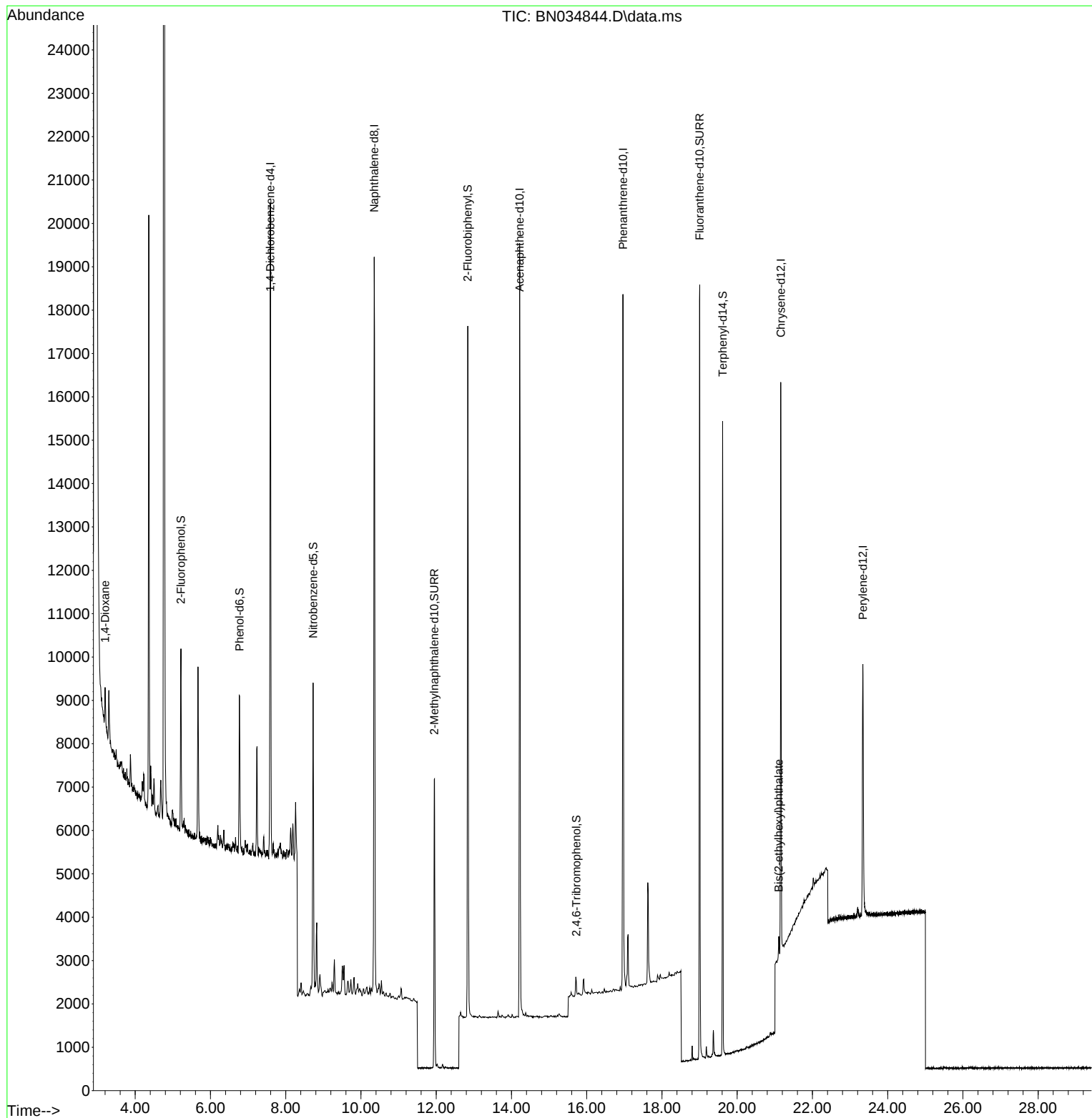
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	6786	0.400	ng	-0.01
7) Naphthalene-d8	10.351	136	20468	0.400	ng	#-0.02
13) Acenaphthene-d10	14.218	164	10029	0.400	ng	-0.01
19) Phenanthrene-d10	16.964	188	19743	0.400	ng	#-0.02
29) Chrysene-d12	21.158	240	10387	0.400	ng	#-0.02
35) Perylene-d12	23.342	264	7678	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	3226	0.157	ng	0.00
5) Phenol-d6	6.773	99	3396	0.127	ng	0.00
8) Nitrobenzene-d5	8.728	82	5400	0.336	ng	-0.01
11) 2-Methylnaphthalene-d10	11.950	152	9022	0.305	ng	-0.02
14) 2,4,6-Tribromophenol	15.723	330	255	0.051	ng	0.00
15) 2-Fluorobiphenyl	12.839	172	13715	0.347	ng	-0.03
27) Fluoranthene-d10	19.004	212	17411	0.376	ng	-0.01
31) Terphenyl-d14	19.612	244	10910	0.489	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.198	88	560	0.075	ng	# 21
34) Bis(2-ethylhexyl)phtha...	21.104	149	701	0.020	ng	# 80

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

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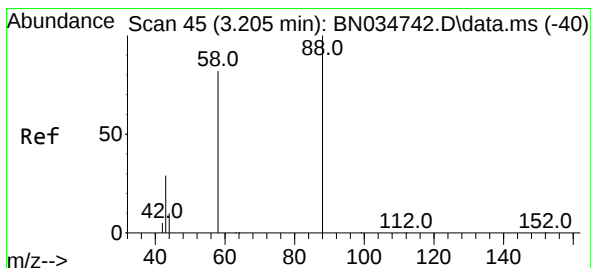
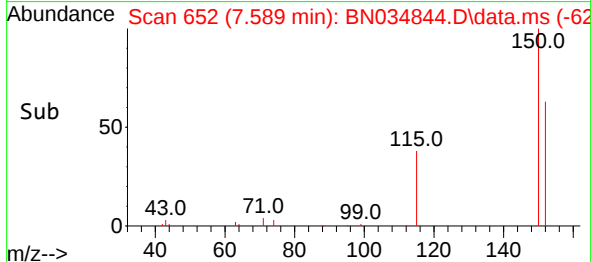
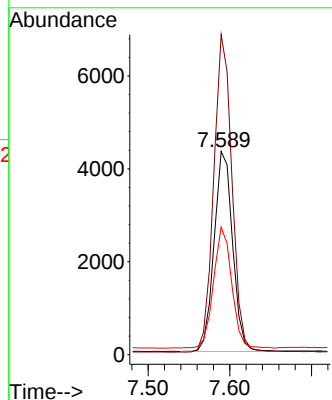
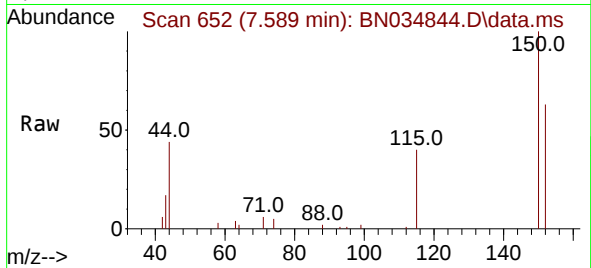




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN034844.D
 Acq: 04 Nov 2024 17:54

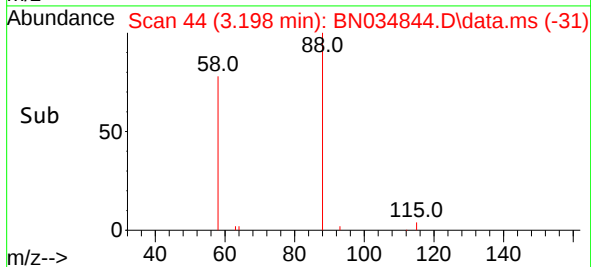
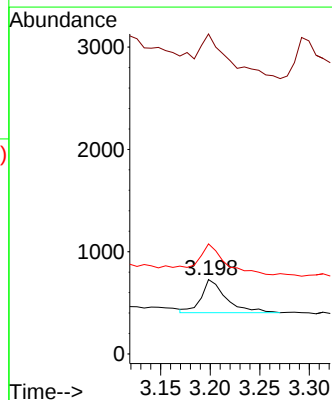
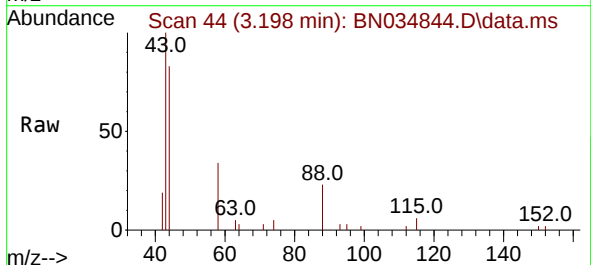
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP301-303-90-20241030

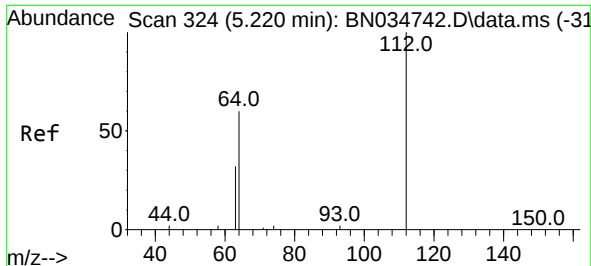
Tgt Ion:152 Resp: 6786
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.9 187.3
 115 62.8 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.075 ng
 RT: 3.198 min Scan# 44
 Delta R.T. -0.007 min
 Lab File: BN034844.D
 Acq: 04 Nov 2024 17:54

Tgt Ion: 88 Resp: 560
 Ion Ratio Lower Upper
 88 100
 43 149.8 26.7 40.1#
 58 92.7 59.3 88.9#

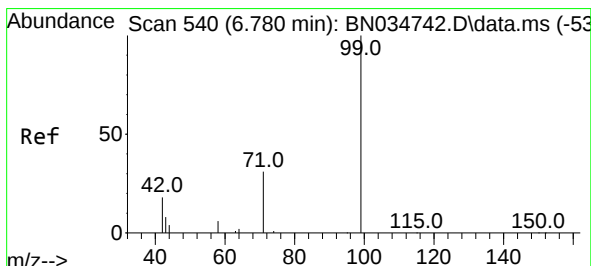
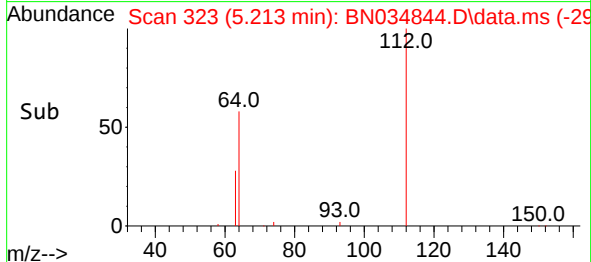
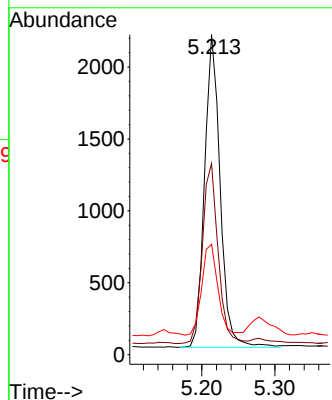
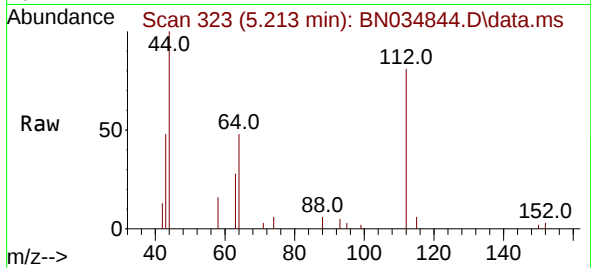




#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.213 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

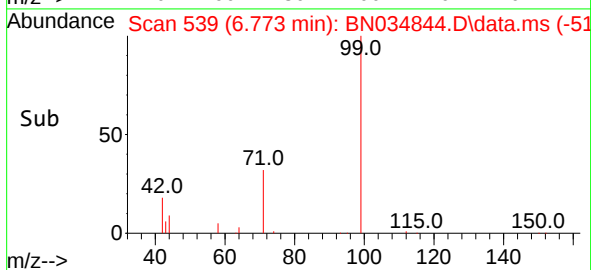
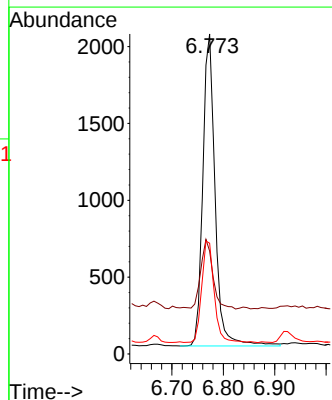
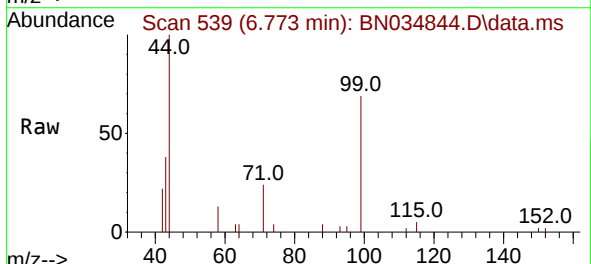
Instrument :
BNA_N
ClientSampleId :
RW5-SP301-303-90-20241030

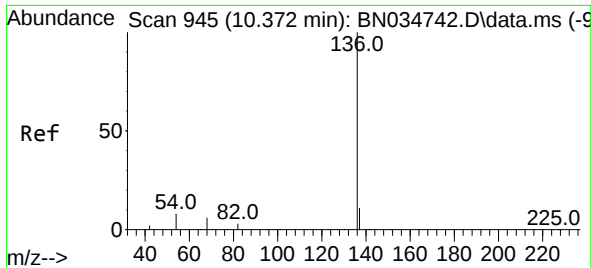
Tgt Ion:112 Resp: 3226
Ion Ratio Lower Upper
112 100
64 57.8 44.9 67.3
63 30.1 23.5 35.3



#5
Phenol-d6
Concen: 0.127 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.007 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

Tgt Ion: 99 Resp: 3396
Ion Ratio Lower Upper
99 100
42 21.7 15.9 23.9
71 33.0 24.3 36.5

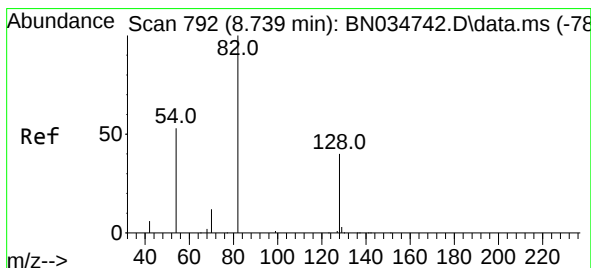
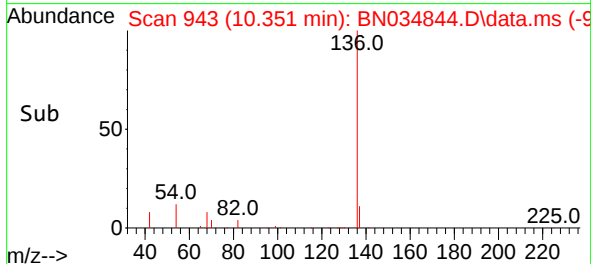
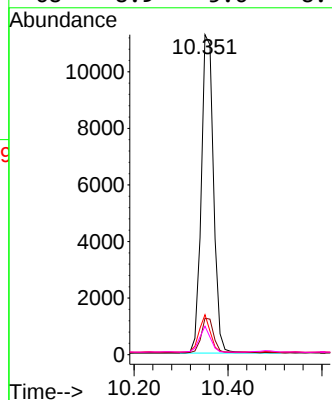
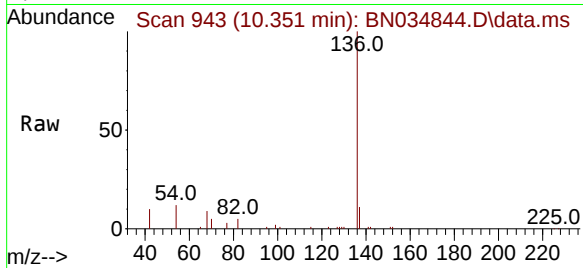




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 945
Delta R.T. -0.021 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

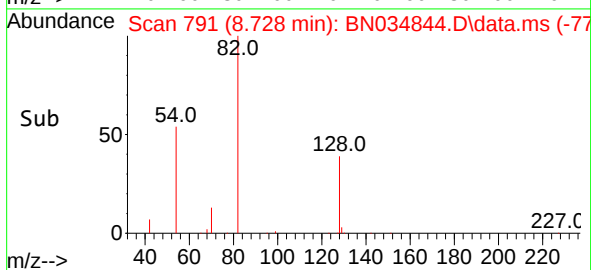
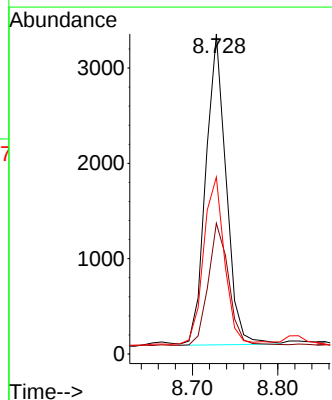
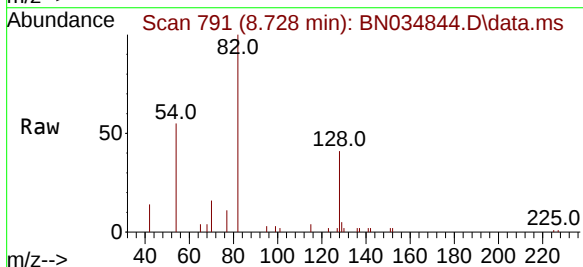
Instrument :
BNA_N
ClientSampleId :
RW5-SP301-303-90-20241030

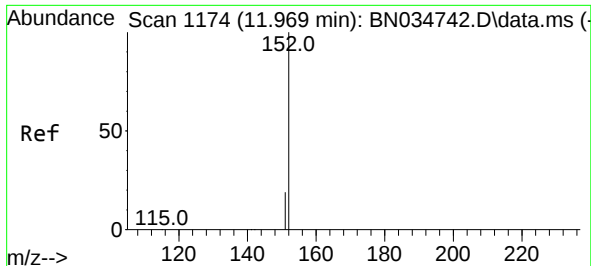
Tgt Ion:	136	Resp:	20468
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.2	13.8
54	12.5	7.0	10.4#
68	8.9	5.6	8.4#



#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.728 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

Tgt Ion:	82	Resp:	5400
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.7	50.5
54	55.3	44.4	66.6

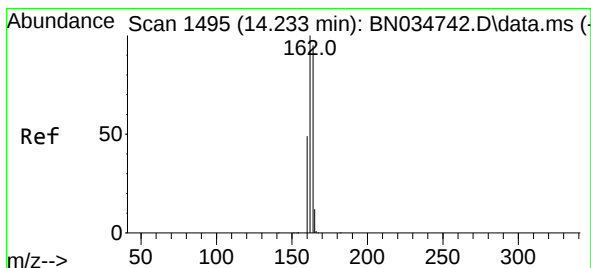
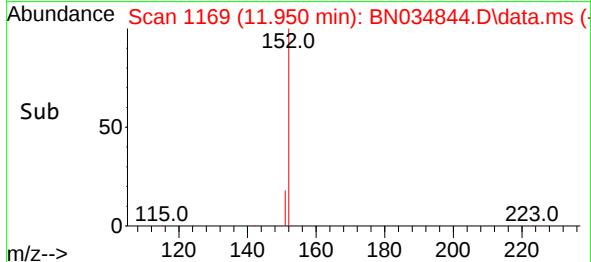
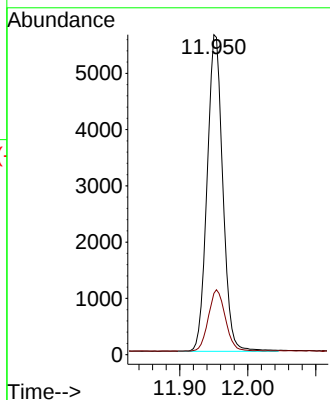
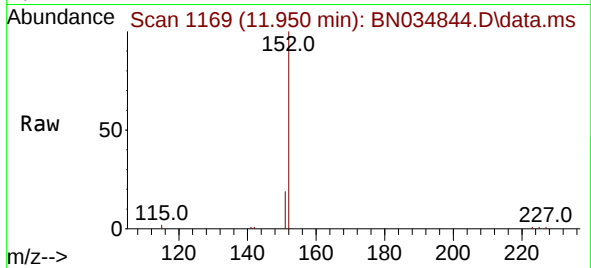




#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 11.950 min Scan# 1174
Delta R.T. -0.019 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

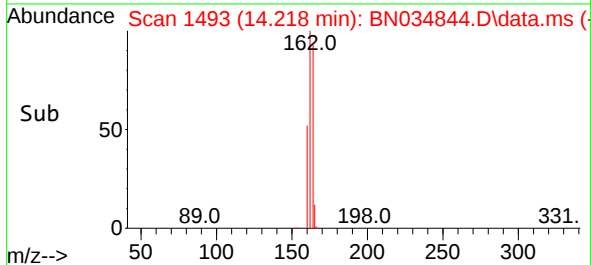
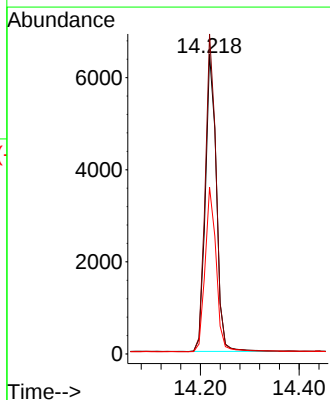
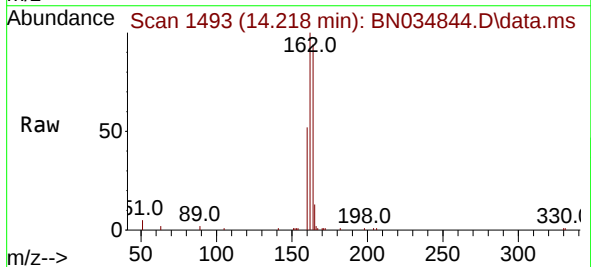
Instrument :
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ClientSampleId :
RW5-SP301-303-90-20241030

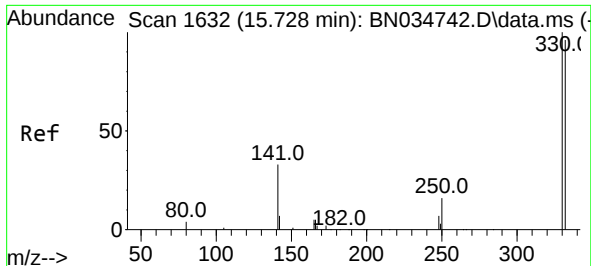
Tgt Ion:152 Resp: 9022
Ion Ratio Lower Upper
152 100
151 21.1 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.218 min Scan# 1493
Delta R.T. -0.014 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

Tgt Ion:164 Resp: 10029
Ion Ratio Lower Upper
164 100
162 106.8 84.3 126.5
160 55.6 41.7 62.5

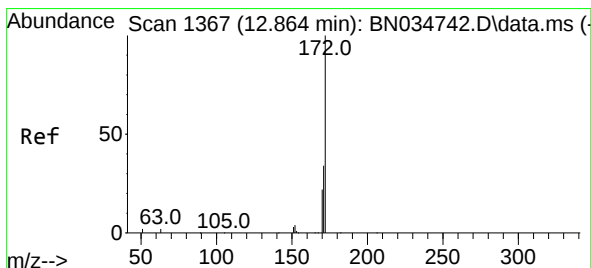
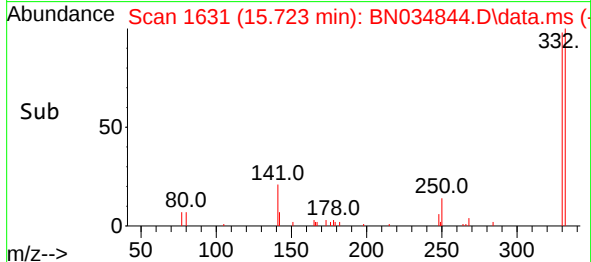
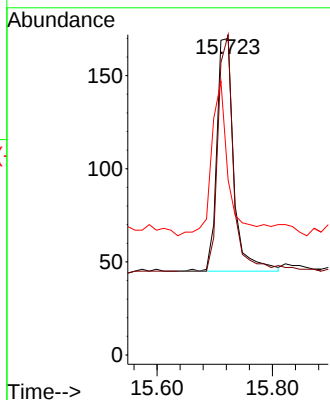
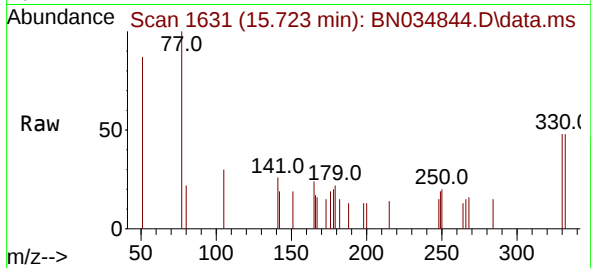




#14
2,4,6-Tribromophenol
Concen: 0.051 ng
RT: 15.723 min Scan# 1631
Delta R.T. -0.005 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

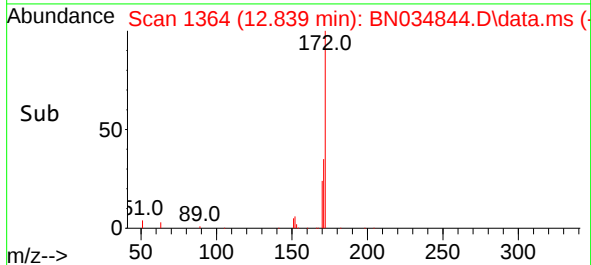
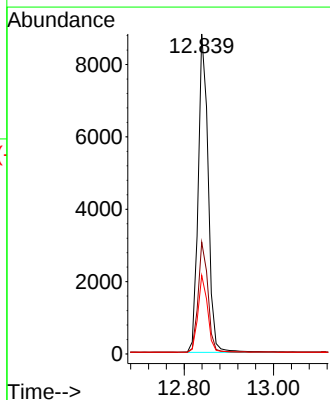
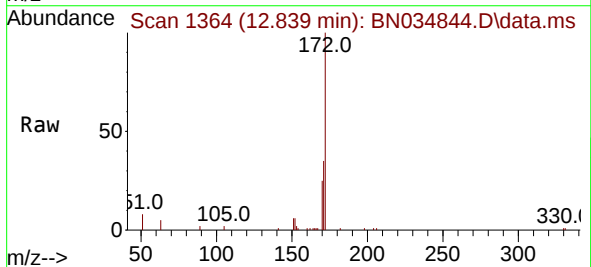
Instrument :
BNA_N
ClientSampleId :
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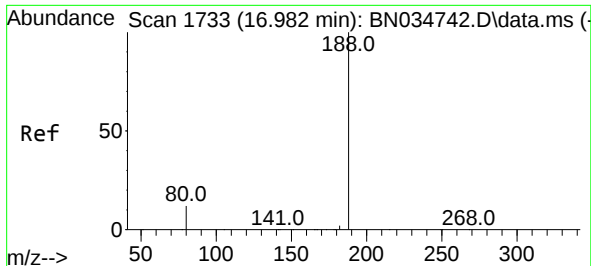
Tgt Ion:330 Resp: 255
Ion Ratio Lower Upper
330 100
332 93.7 77.8 116.6
141 64.7 41.0 61.4#



#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.839 min Scan# 1364
Delta R.T. -0.025 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

Tgt Ion:172 Resp: 13715
Ion Ratio Lower Upper
172 100
171 34.9 27.2 40.8
170 24.5 18.0 27.0

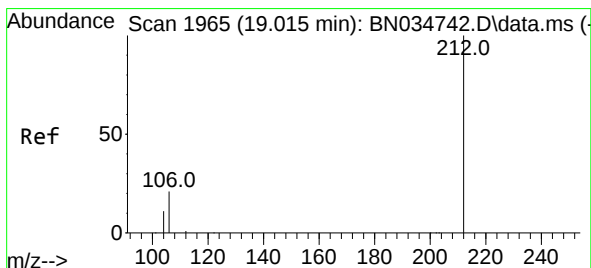
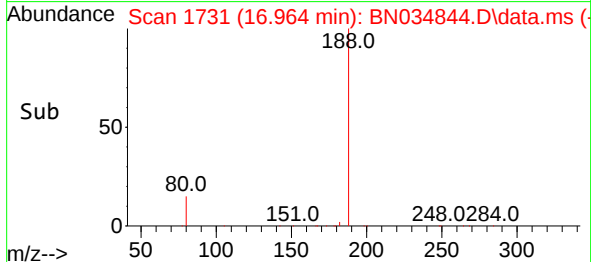
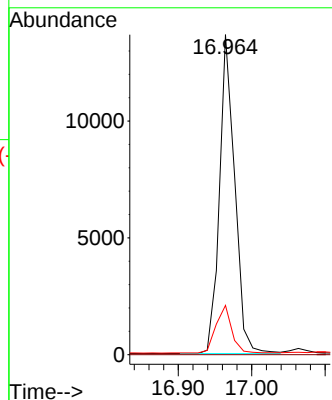
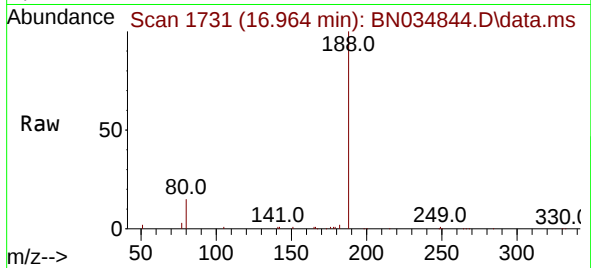




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.964 min Scan# 1731
Delta R.T. -0.018 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

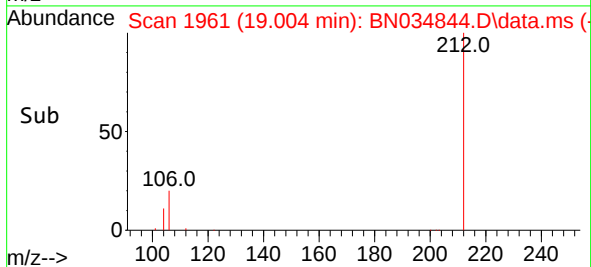
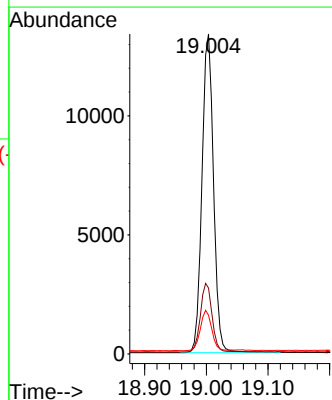
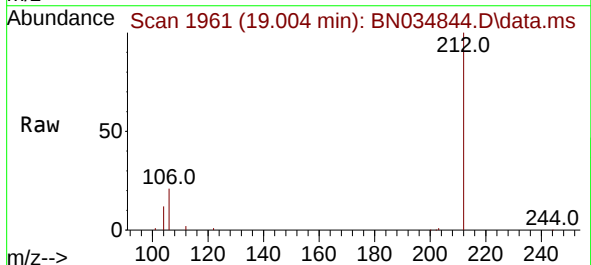
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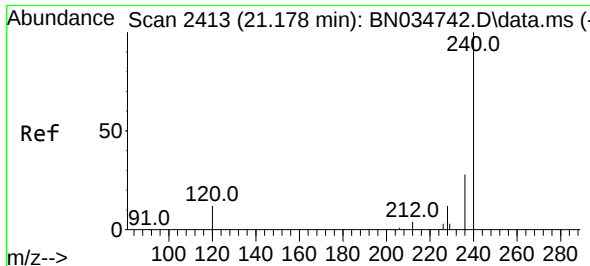
Tgt Ion:188 Resp: 19743
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 9.8 14.6#



#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.004 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

Tgt Ion:212 Resp: 17411
Ion Ratio Lower Upper
212 100
106 21.7 16.1 24.1
104 12.5 9.2 13.8

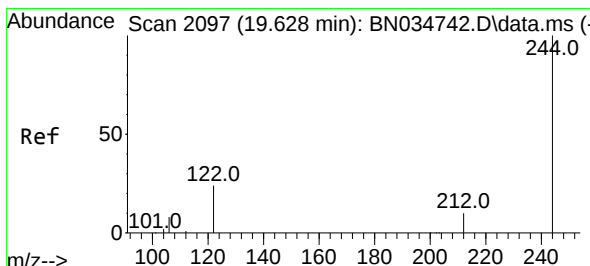
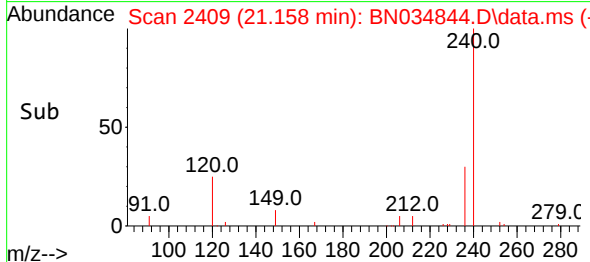
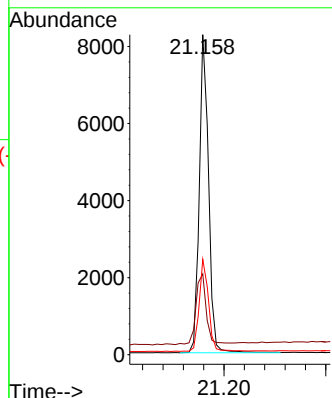
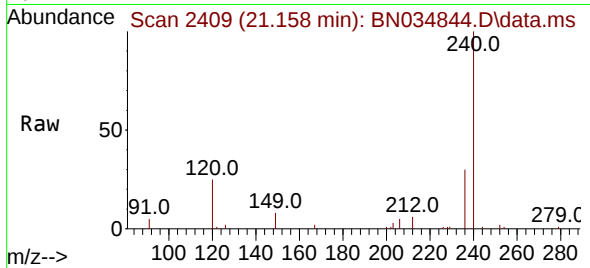




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.158 min Scan# 2409
Delta R.T. -0.020 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

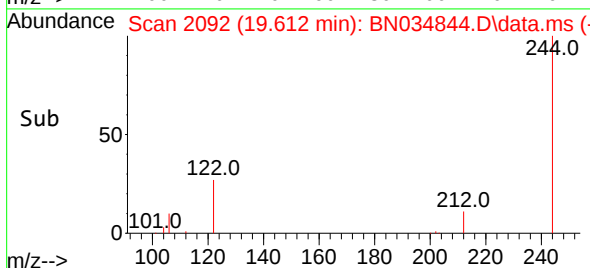
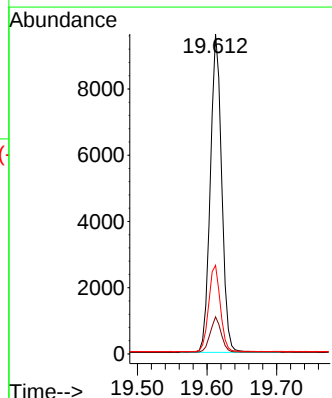
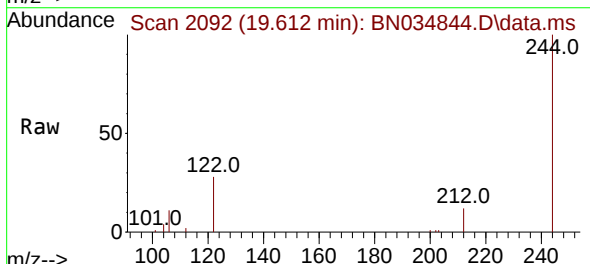
Instrument :
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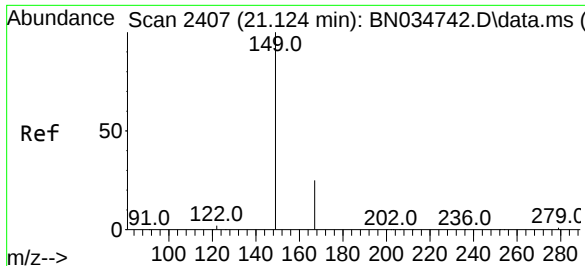
Tgt Ion	Ratio	Lower	Upper
240	100		
120	25.2	11.5	17.3#
236	29.8	23.2	34.8



#31
Terphenyl-d14
Concen: 0.489 ng
RT: 19.612 min Scan# 2092
Delta R.T. -0.016 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.6	8.2	12.4
122	27.7	19.8	29.6

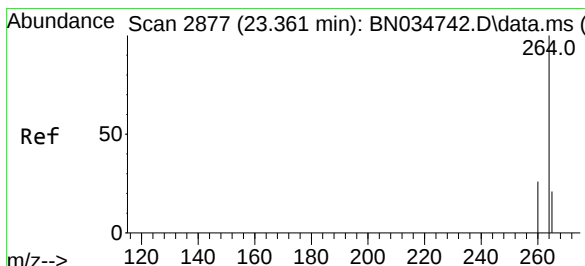
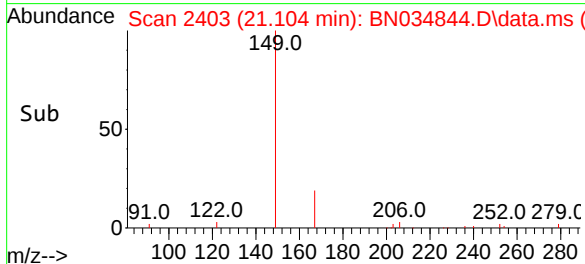
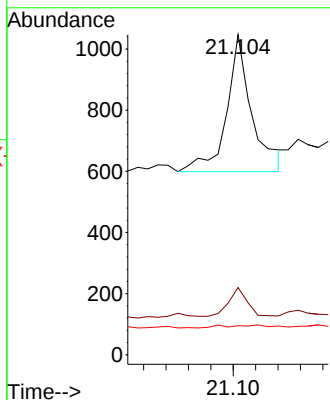
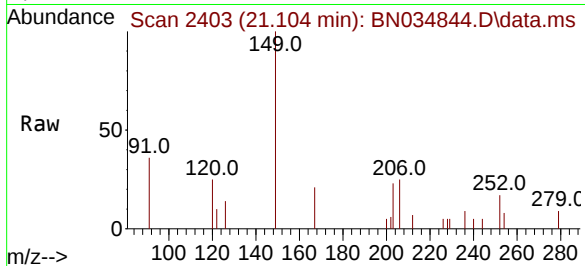




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.020 ng
RT: 21.104 min Scan# 2403
Delta R.T. -0.020 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

Instrument :
BNA_N
ClientSampleId :
RW5-SP301-303-90-20241030

Tgt Ion:149 Resp: 701
Ion Ratio Lower Upper
149 100
167 15.0 20.6 30.8#
279 1.1 1.5 2.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.342 min Scan# 2867
Delta R.T. -0.020 min
Lab File: BN034844.D
Acq: 04 Nov 2024 17:54

Tgt Ion:264 Resp: 7678
Ion Ratio Lower Upper
264 100
260 27.5 21.5 32.3
265 79.6 47.5 71.3#

