

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034522.D
 Acq On : 10 Oct 2024 15:43
 Operator : RC/JU
 Sample : P4263-04
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20240930

Quant Time: Oct 10 16:09:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

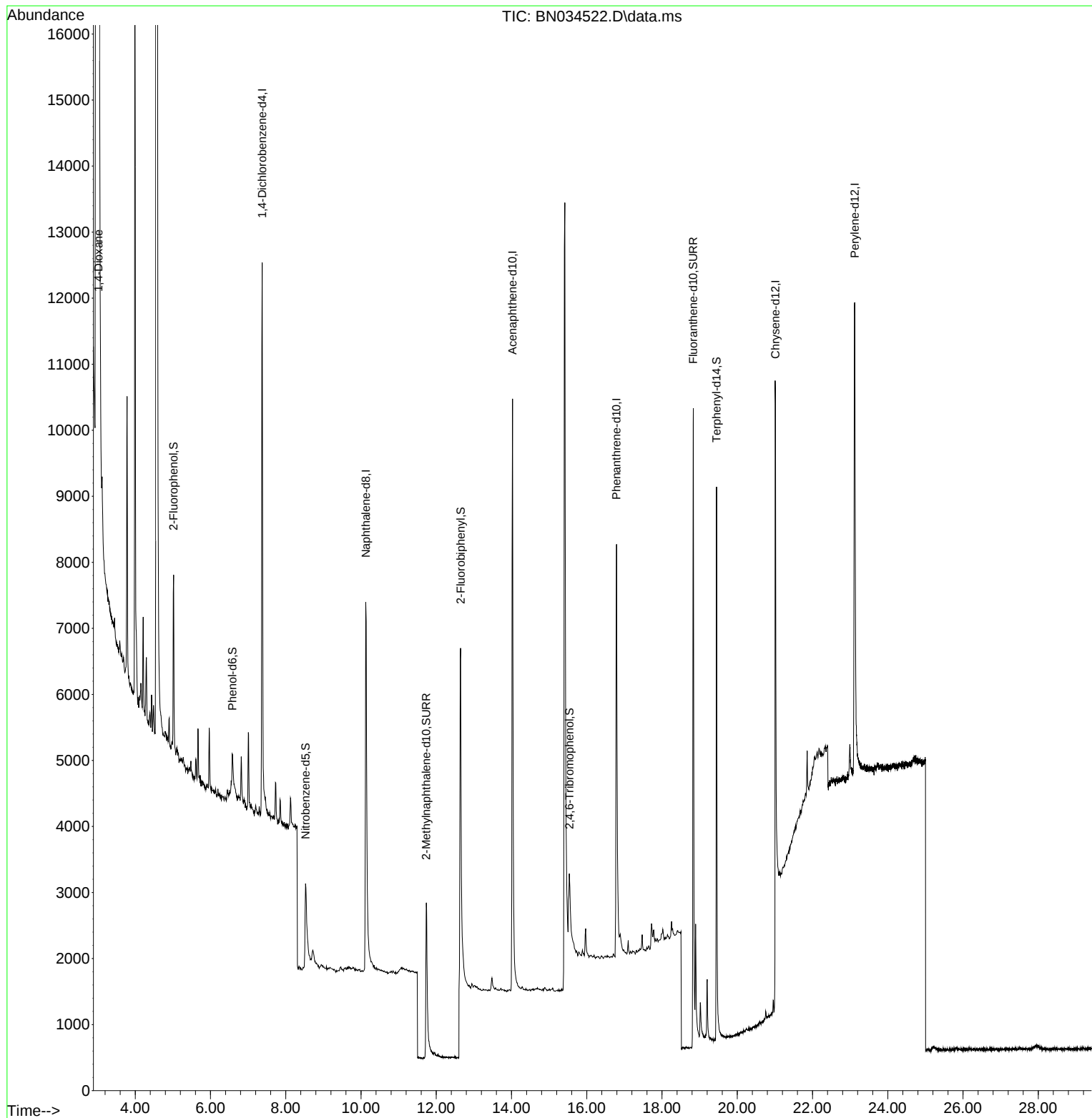
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4464	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	11897	0.400	ng	#-0.02
13) Acenaphthene-d10	14.026	164	6686	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	12201	0.400	ng	-0.01
29) Chrysene-d12	21.015	240	9237	0.400	ng	# 0.00
35) Perylene-d12	23.119	264	11306	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	2214	0.175	ng	-0.01
5) Phenol-d6	6.585	99	993	0.067	ng	-0.01
8) Nitrobenzene-d5	8.525	82	2147	0.236	ng	-0.01
11) 2-Methylnaphthalene-d10	11.734	152	5217	0.297	ng	-0.02
14) 2,4,6-Tribromophenol	15.537	330	765	0.253	ng	-0.01
15) 2-Fluorobiphenyl	12.647	172	7486	0.275	ng	-0.01
27) Fluoranthene-d10	18.832	212	12888	0.419	ng	-0.01
31) Terphenyl-d14	19.449	244	9359	0.507	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	36239	6.493	ng	97

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

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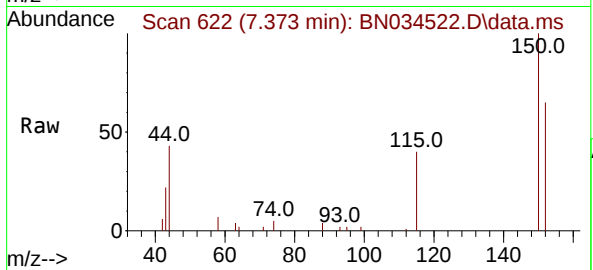
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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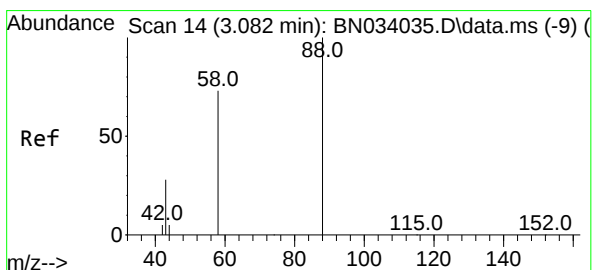
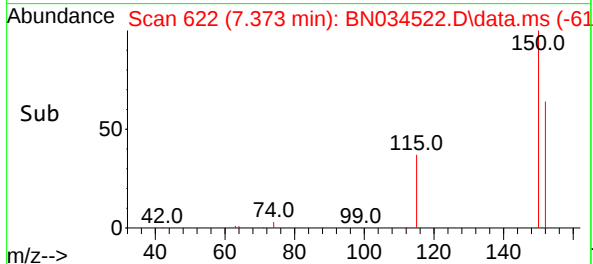
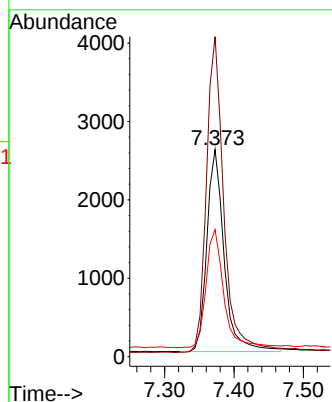


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930

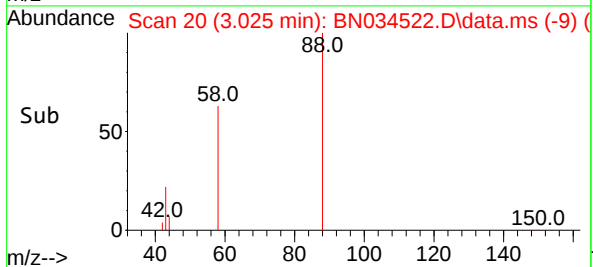
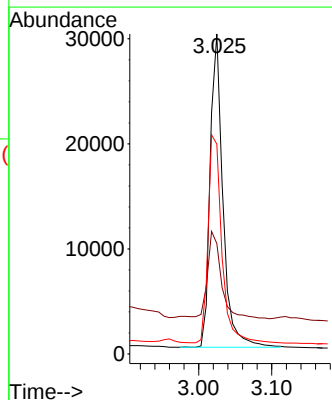
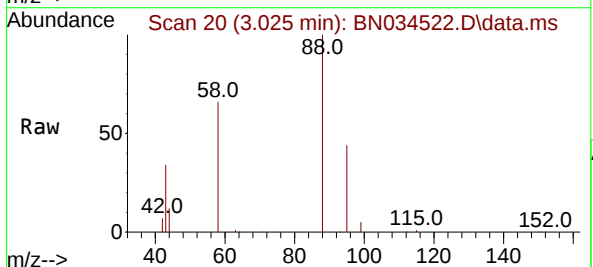


Tgt Ion:152 Resp: 4464
Ion Ratio Lower Upper
152 100
150 154.4 124.6 187.0
115 61.3 50.0 75.0



#2
1,4-Dioxane
Concen: 6.493 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.022 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Tgt Ion: 88 Resp: 36239
Ion Ratio Lower Upper
88 100
43 30.9 25.8 38.8
58 70.9 58.8 88.2

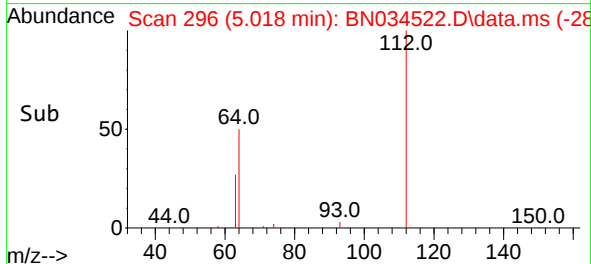
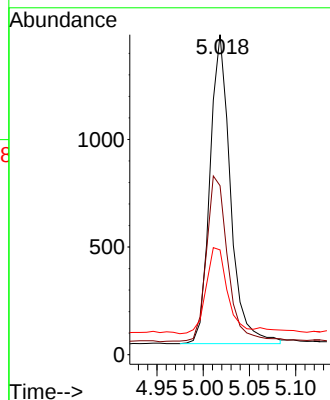
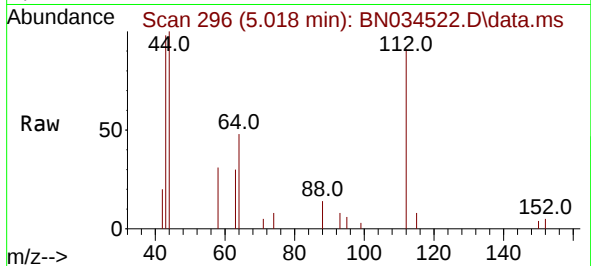




#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.018 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

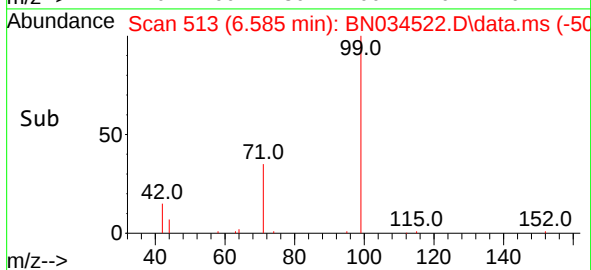
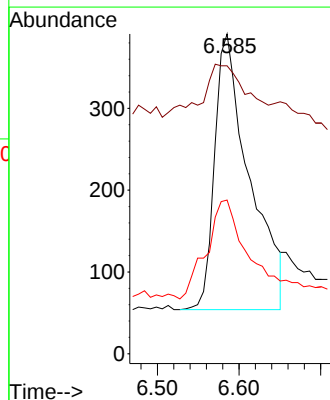
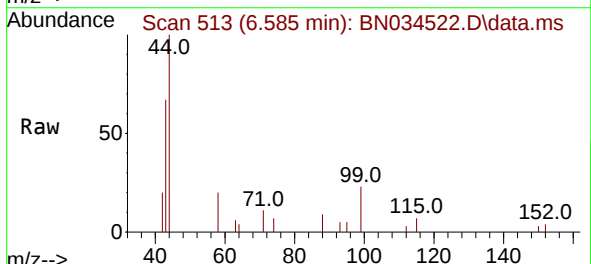
Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930

Tgt Ion:112 Resp: 2214
Ion Ratio Lower Upper
112 100
64 56.1 48.6 72.8
63 29.2 25.6 38.4



#5
Phenol-d6
Concen: 0.067 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Tgt Ion: 99 Resp: 993
Ion Ratio Lower Upper
99 100
42 23.8 17.8 26.8
71 42.3 26.2 39.2#

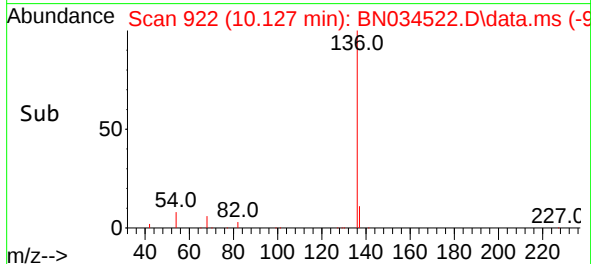
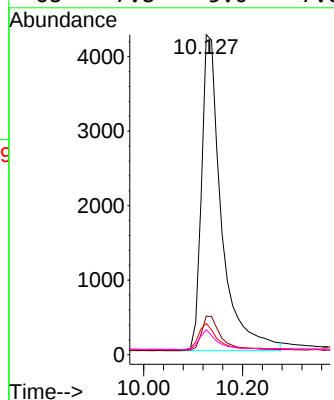
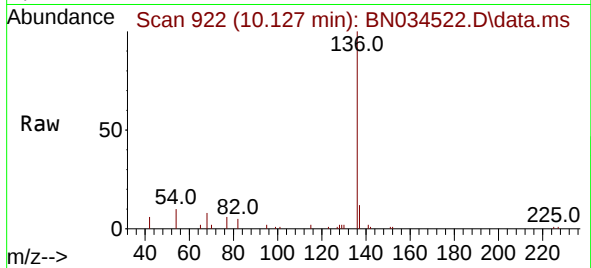




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

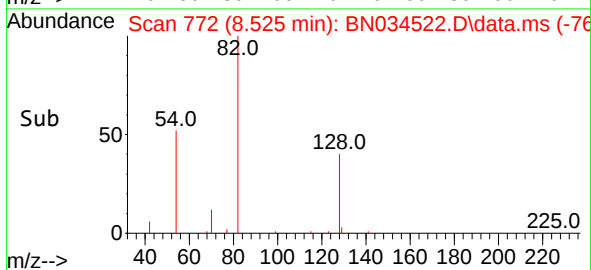
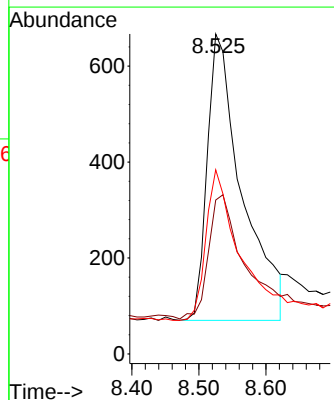
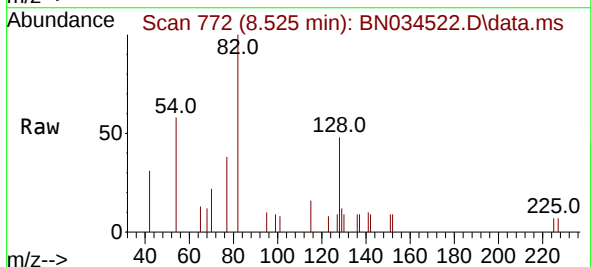
Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930

Tgt Ion:	136	Resp:	11897
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.0	13.6
54	9.8	6.8	10.2
68	7.8	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 8.525 min Scan# 772
Delta R.T. -0.011 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Tgt Ion:	82	Resp:	2147
Ion Ratio	Lower	Upper	
82	100		
128	48.1	31.4	47.2
54	57.6	47.4	71.0

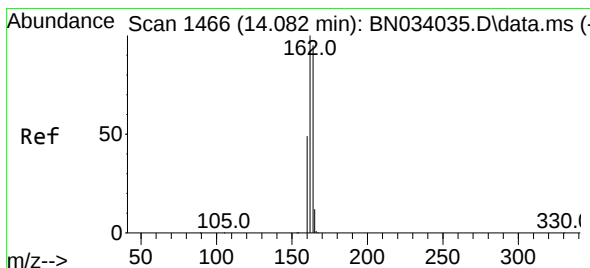
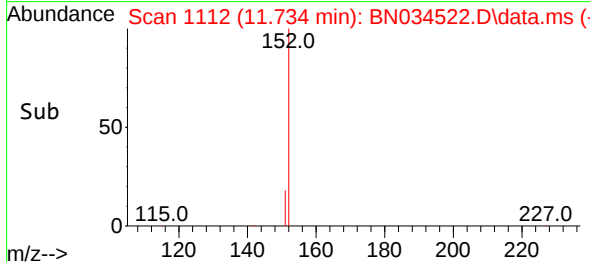
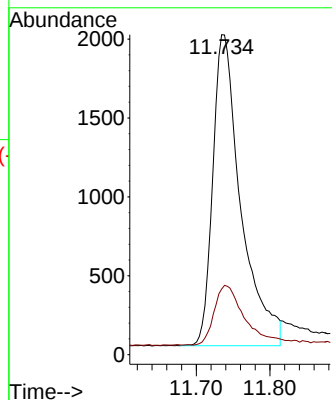
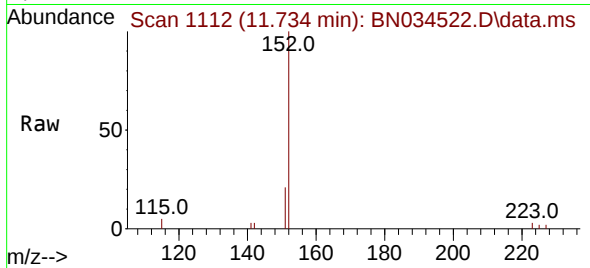




#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 11.734 min Scan# 1112
Delta R.T. -0.019 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

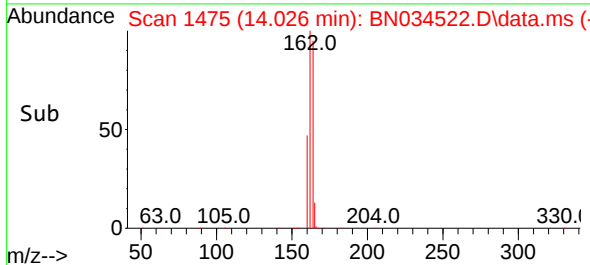
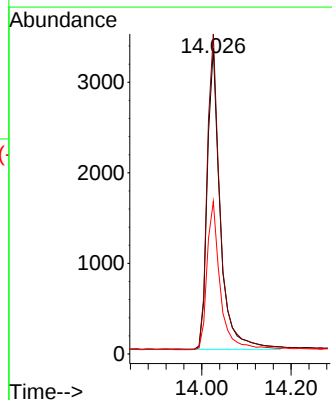
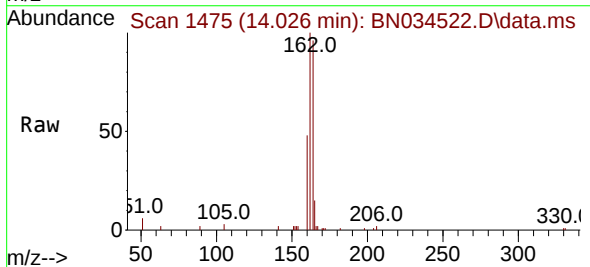
Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930

Tgt Ion:152 Resp: 5217
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 1475
Delta R.T. -0.021 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

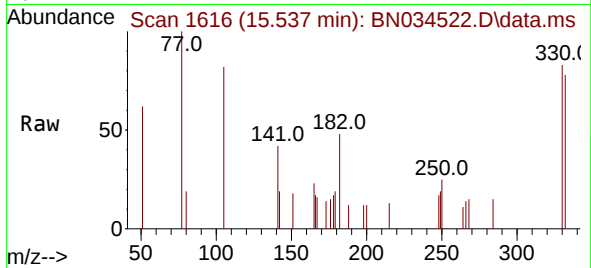
Tgt Ion:164 Resp: 6686
Ion Ratio Lower Upper
164 100
162 104.7 84.2 126.2
160 49.9 41.7 62.5



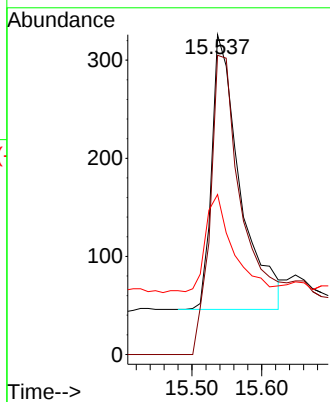
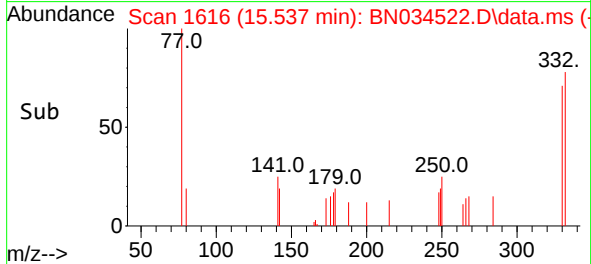


#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.537 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Instrument :
BNA_N
ClientSampleId :
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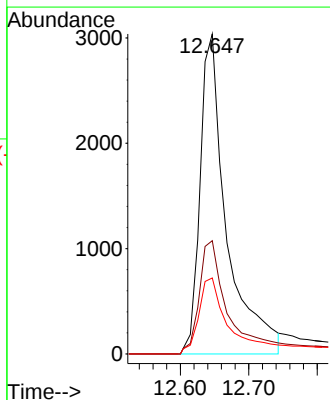
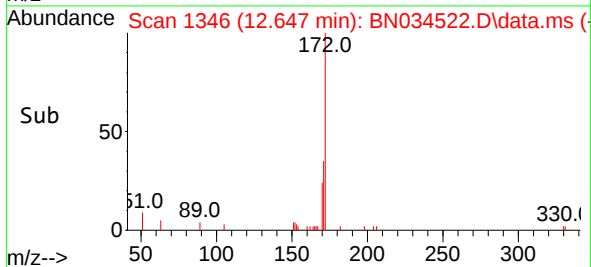
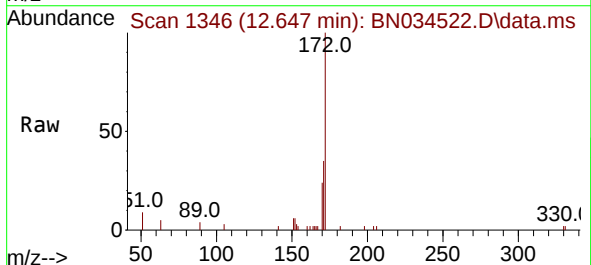


Tgt Ion:330 Resp: 765
Ion Ratio Lower Upper
330 100
332 137.1 77.4 116.0#
141 34.5 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.275 ng
RT: 12.647 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Tgt Ion:172 Resp: 7486
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 23.7 18.1 27.1

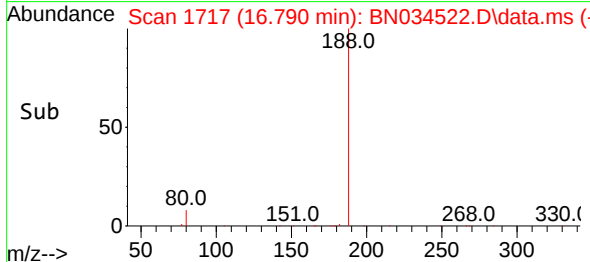
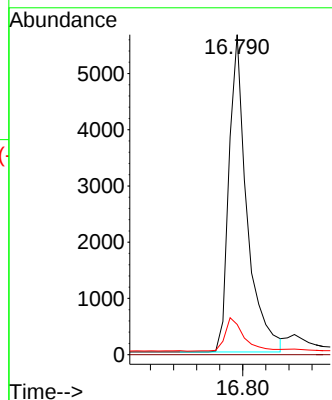
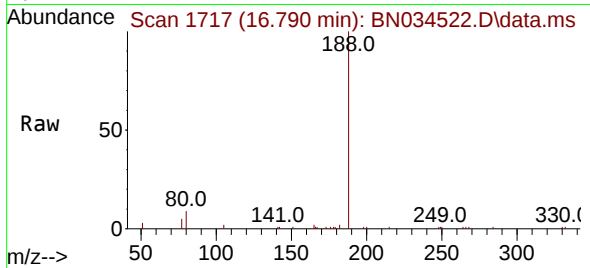




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

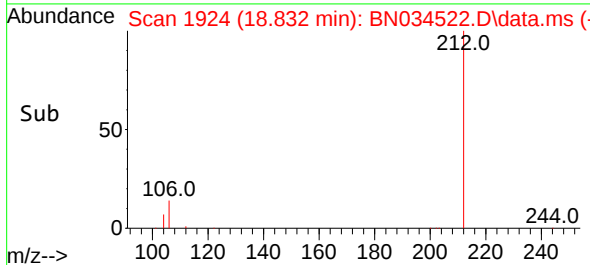
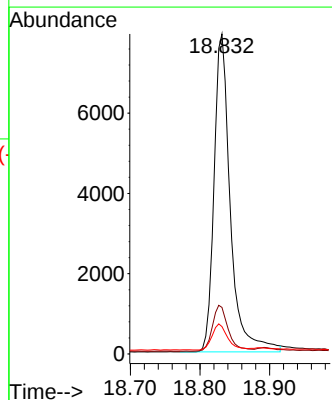
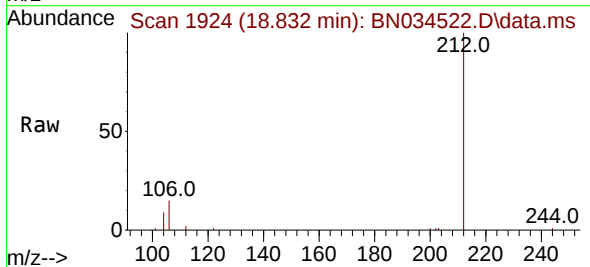
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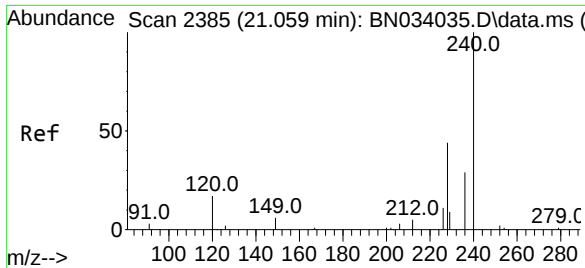
Tgt Ion:188 Resp: 12201
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 18.832 min Scan# 1924
Delta R.T. -0.014 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Tgt Ion:212 Resp: 12888
Ion Ratio Lower Upper
212 100
106 14.1 13.4 20.2
104 7.8 7.8 11.6

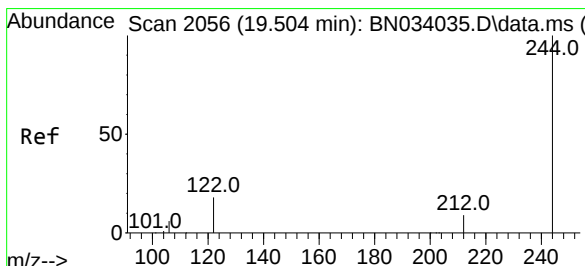
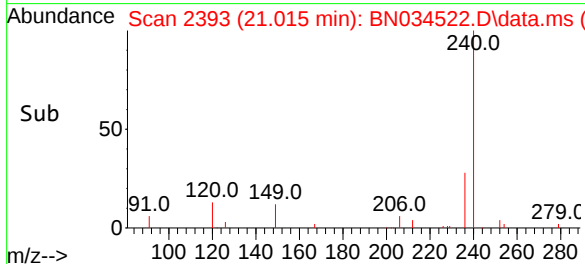
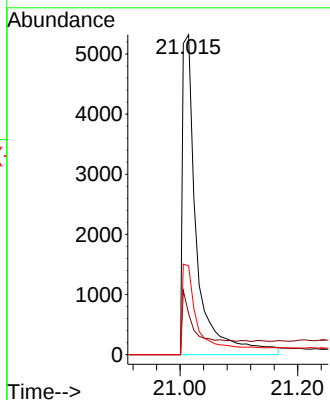
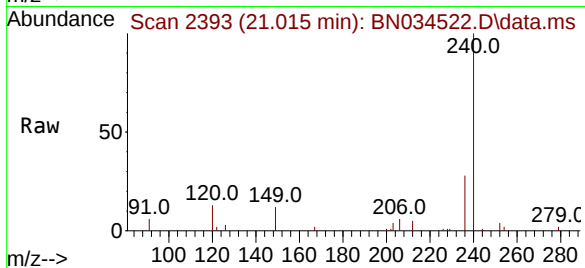




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

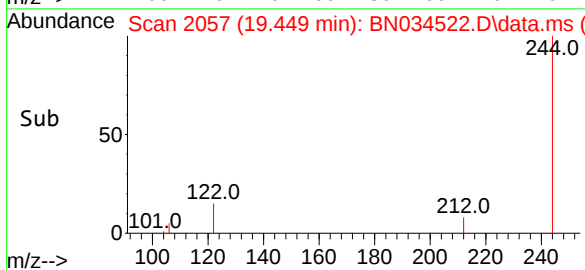
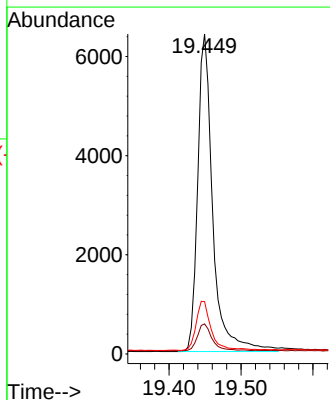
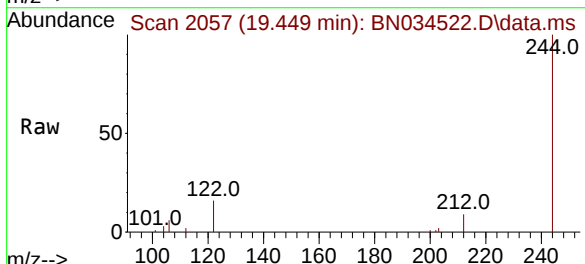
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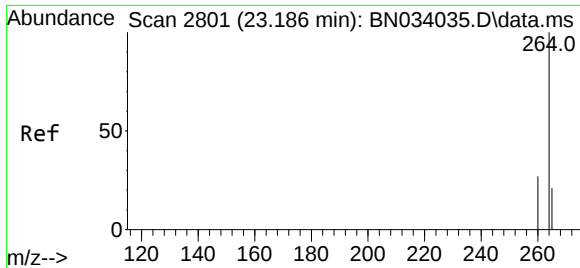
Tgt Ion:240 Resp: 9237
Ion Ratio Lower Upper
240 100
120 12.9 13.5 20.3#
236 27.8 23.4 35.0



#31
Terphenyl-d14
Concen: 0.507 ng
RT: 19.449 min Scan# 2057
Delta R.T. -0.019 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

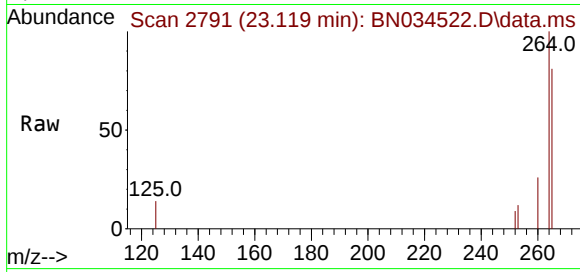
Tgt Ion:244 Resp: 9359
Ion Ratio Lower Upper
244 100
212 9.4 7.8 11.6
122 16.3 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.119 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Instrument :
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Tgt Ion:264 Resp: 11306
Ion Ratio Lower Upper
264 100
260 25.6 21.7 32.5
265 81.0 52.1 78.1#

