

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034519.D
 Acq On : 10 Oct 2024 13:54
 Operator : RC/JU
 Sample : P4263-01
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20240930

Quant Time: Oct 10 15:09:06 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)

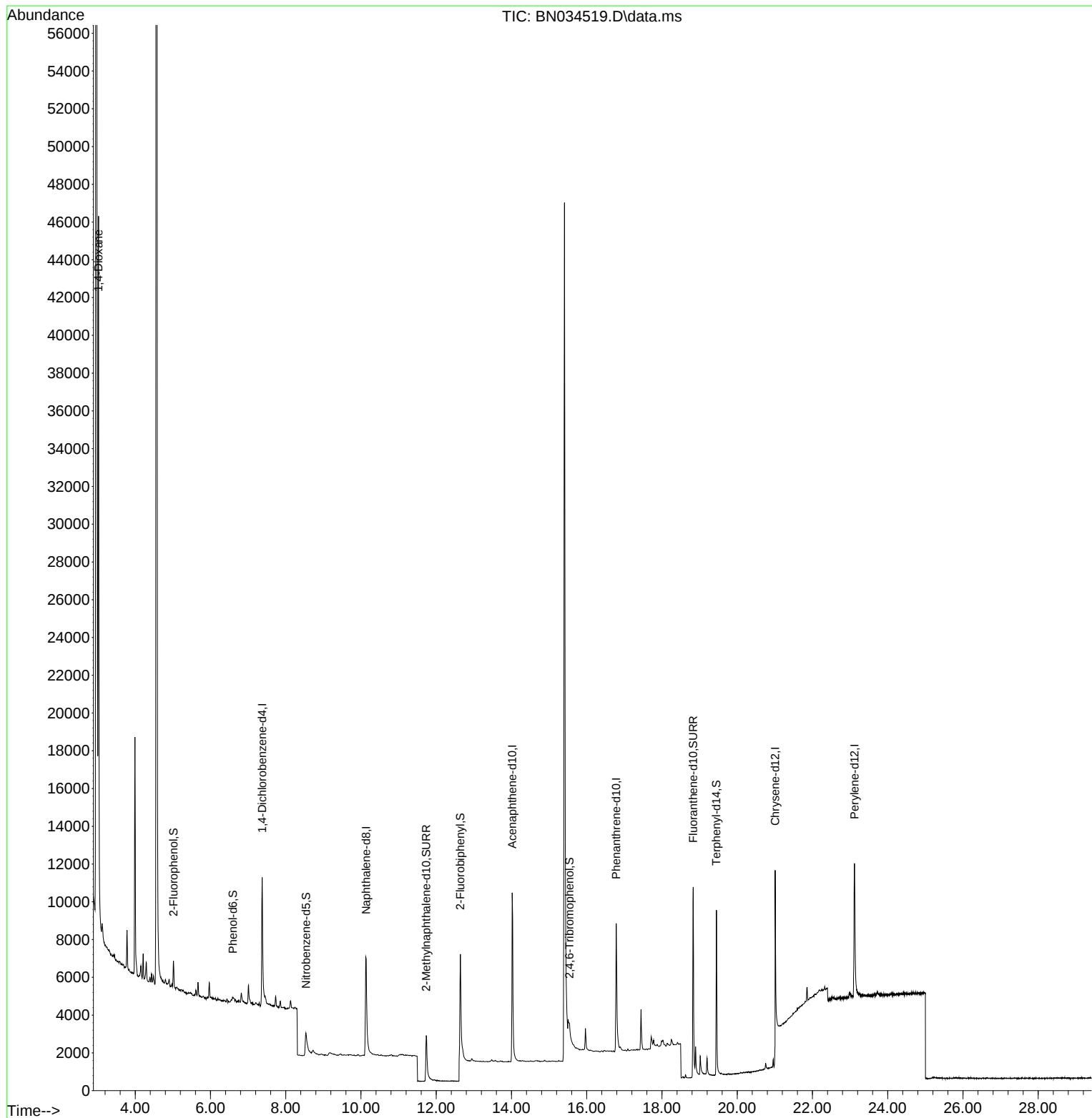
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4083	0.400	ng	-0.02
7) Naphthalene-d8	10.137	136	11213	0.400	ng	-0.01
13) Acenaphthene-d10	14.019	164	6506	0.400	ng	-0.03
19) Phenanthrene-d10	16.784	188	12362	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	7593	0.400	ng	0.00
35) Perylene-d12	23.116	264	10565	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1167	0.101	ng	-0.01
5) Phenol-d6	6.593	99	489	0.036	ng	0.00
8) Nitrobenzene-d5	8.536	82	2115	0.247	ng	0.00
11) 2-Methylnaphthalene-d10	11.735	152	5352	0.323	ng	-0.02
14) 2,4,6-Tribromophenol	15.542	330	628	0.213	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	7327	0.277	ng	-0.02
27) Fluoranthene-d10	18.830	212	12847	0.412	ng	-0.02
31) Terphenyl-d14	19.447	244	9406	0.620	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.025	88	20866	4.088	ng	Qvalue 99

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

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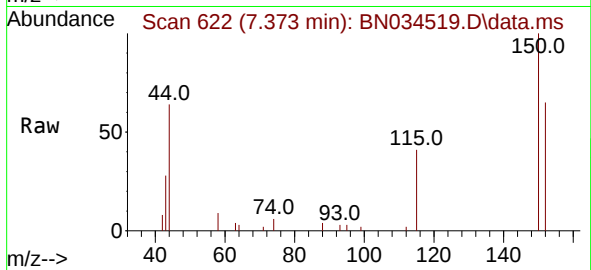
Quant Time: Oct 10 15:09:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



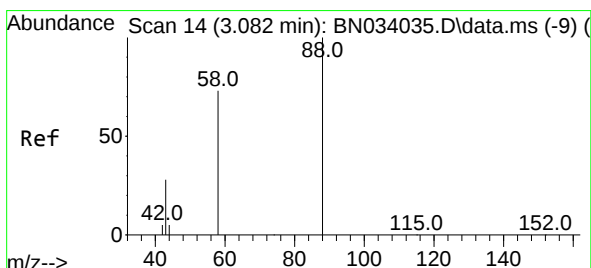
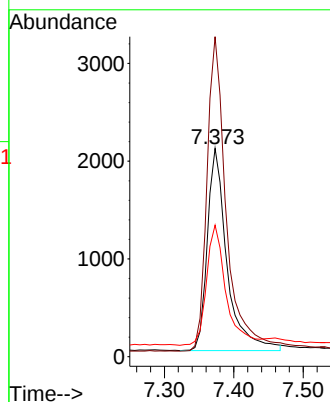
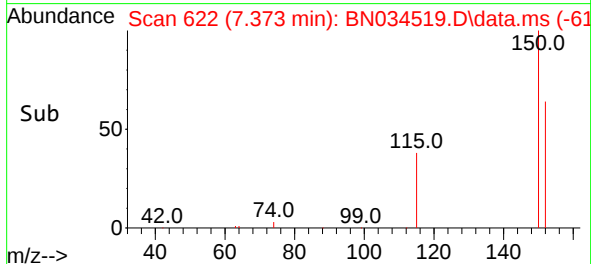


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.373 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN034519.D
 Acq: 10 Oct 2024 13:54

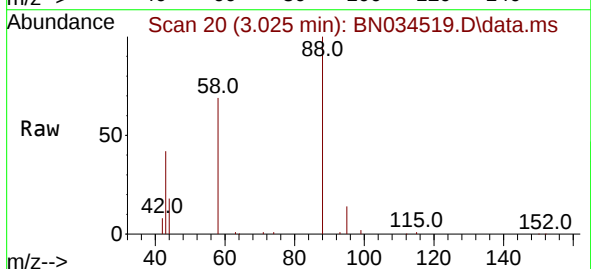
Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20240930



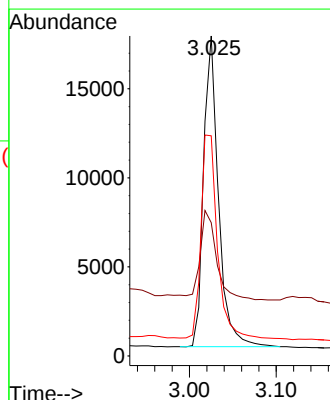
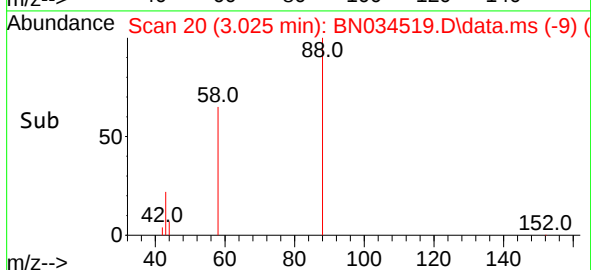
Tgt Ion:152 Resp: 4083
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.6 187.0
 115 63.1 50.0 75.0



#2
 1,4-Dioxane
 Concen: 4.088 ng
 RT: 3.025 min Scan# 20
 Delta R.T. -0.021 min
 Lab File: BN034519.D
 Acq: 10 Oct 2024 13:54



Tgt Ion: 88 Resp: 20866
 Ion Ratio Lower Upper
 88 100
 43 31.6 25.8 38.8
 58 72.7 58.8 88.2

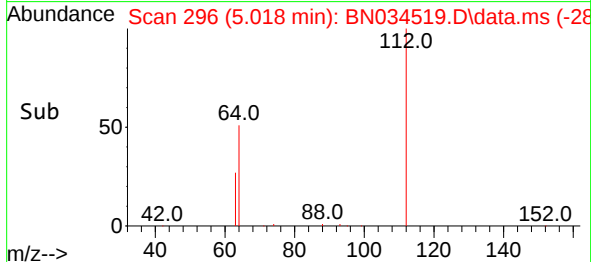
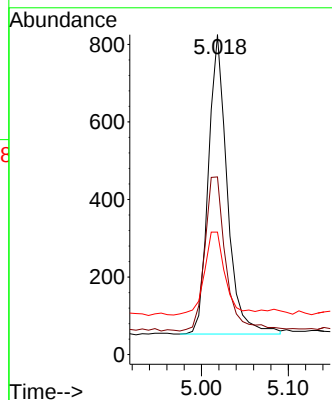
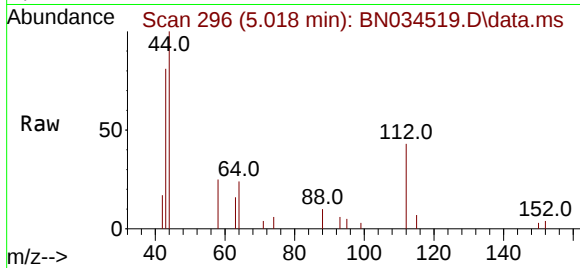




#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.018 min Scan# 290
Delta R.T. -0.014 min
Lab File: BN034519.D
Acq: 10 Oct 2024 13:54

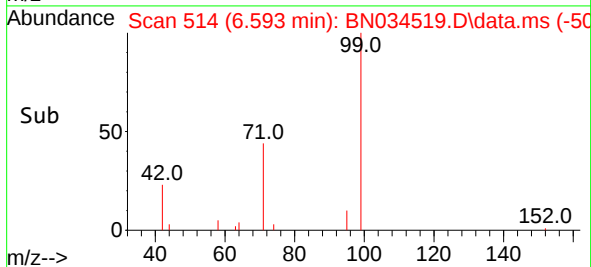
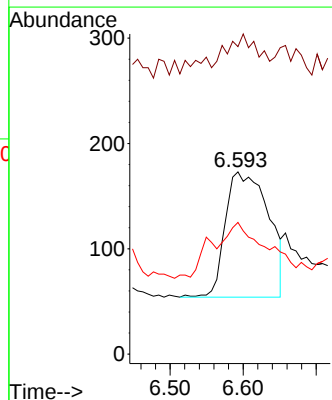
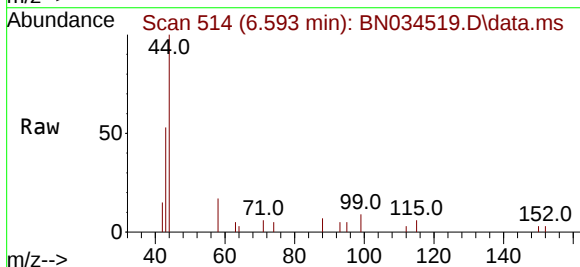
Instrument :
BNA_N
ClientSampleId :
RE115D1-20240930

Tgt Ion:112 Resp: 1167
Ion Ratio Lower Upper
112 100
64 57.5 48.6 72.8
63 30.7 25.6 38.4



#5
Phenol-d6
Concen: 0.036 ng
RT: 6.593 min Scan# 514
Delta R.T. -0.007 min
Lab File: BN034519.D
Acq: 10 Oct 2024 13:54

Tgt Ion: 99 Resp: 489
Ion Ratio Lower Upper
99 100
42 18.0 17.8 26.8
71 20.4 26.2 39.2#

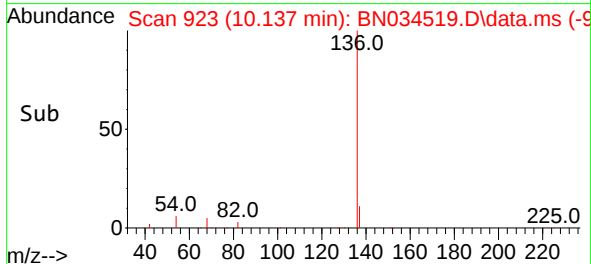
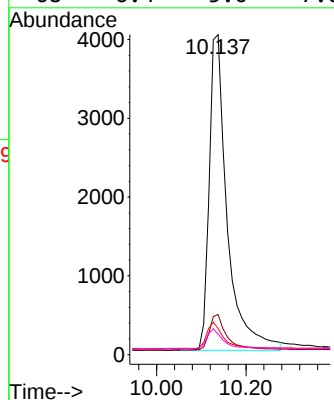
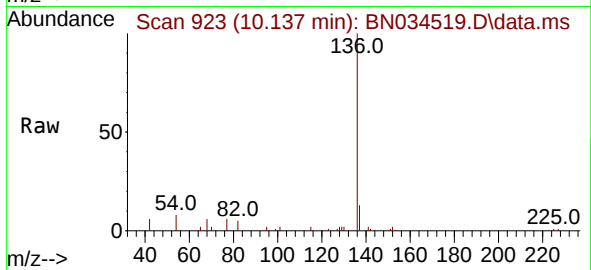




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.010 min
Lab File: BN034519.D
Acq: 10 Oct 2024 13:54

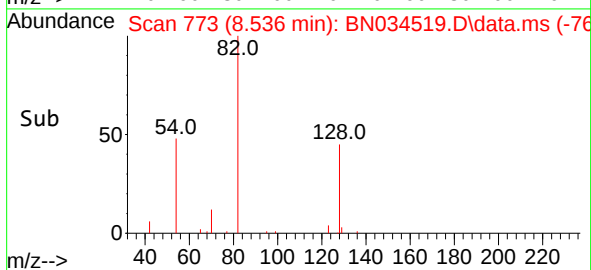
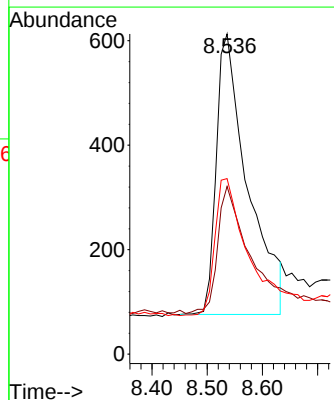
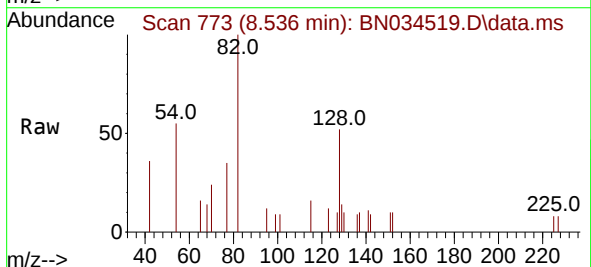
Instrument :
BNA_N
ClientSampleId :
RE115D1-20240930

Tgt Ion:136	Resp:	11213
Ion Ratio	Lower	Upper
136	100	
137	12.5	9.0 13.6
54	8.2	6.8 10.2
68	6.4	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.247 ng
RT: 8.536 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN034519.D
Acq: 10 Oct 2024 13:54

Tgt Ion: 82	Resp:	2115
Ion Ratio	Lower	Upper
82	100	
128	52.4	31.4 47.2#
54	54.8	47.4 71.0

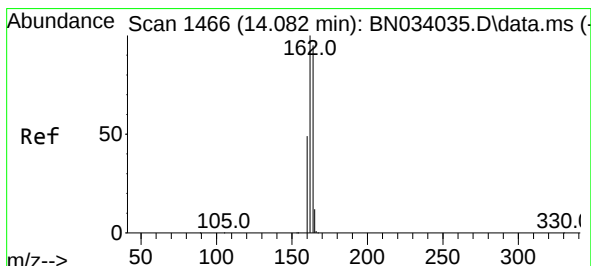
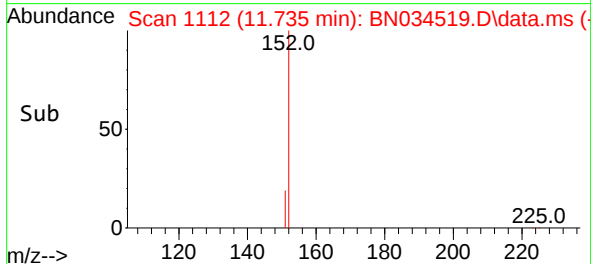
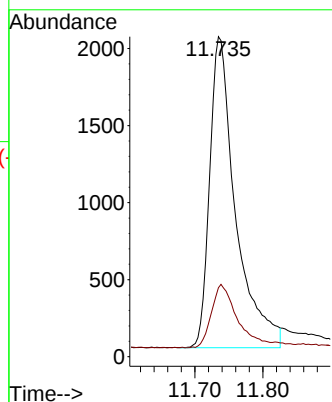
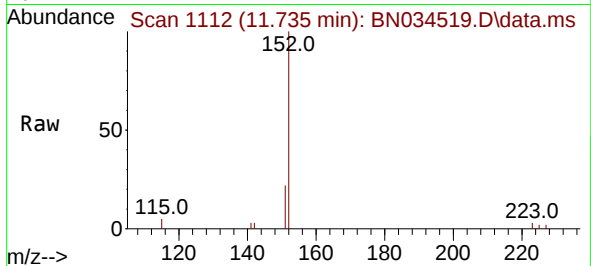




#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.735 min Scan# 1112
Delta R.T. -0.019 min
Lab File: BN034519.D
Acq: 10 Oct 2024 13:54

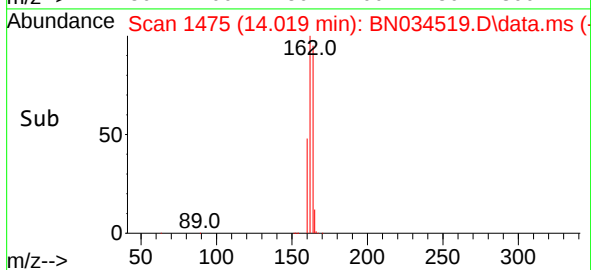
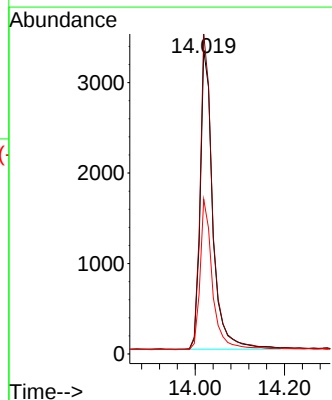
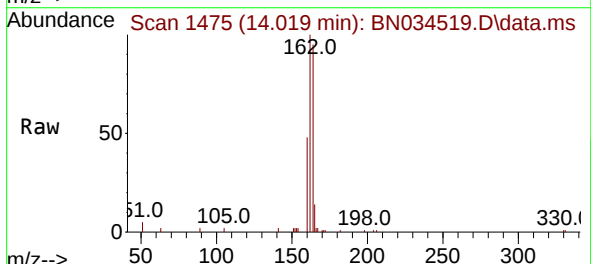
Instrument :
BNA_N
ClientSampleId :
RE115D1-20240930

Tgt Ion:152 Resp: 5352
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1475
Delta R.T. -0.028 min
Lab File: BN034519.D
Acq: 10 Oct 2024 13:54

Tgt Ion:164 Resp: 6506
Ion Ratio Lower Upper
164 100
162 105.2 84.2 126.2
160 50.9 41.7 62.5

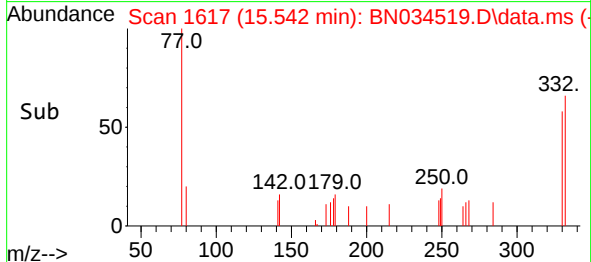
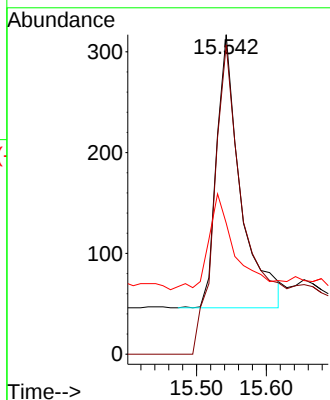
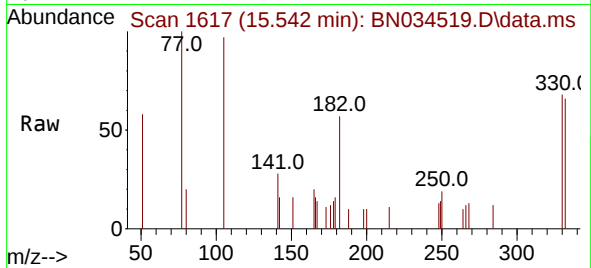




#14
2,4,6-Tribromophenol
Concen: 0.213 ng
RT: 15.542 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034519.D
Acq: 10 Oct 2024 13:54

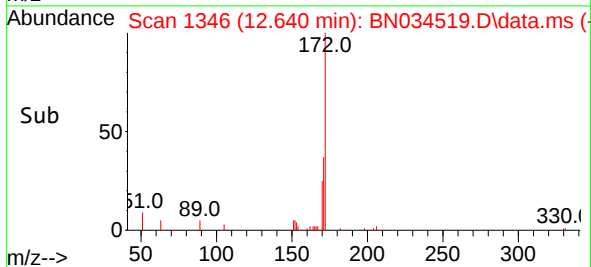
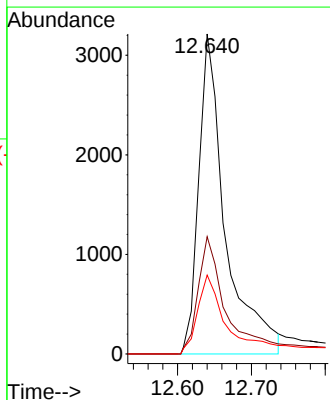
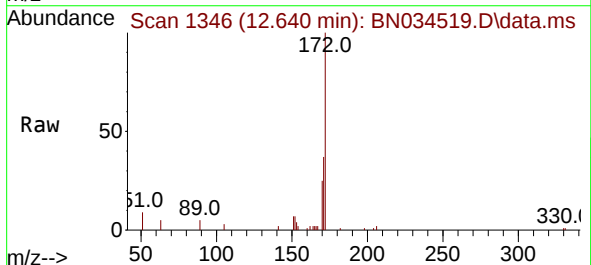
Instrument :
BNA_N
ClientSampleId :
RE115D1-20240930

Tgt Ion:330 Resp: 628
Ion Ratio Lower Upper
330 100
332 151.0 77.4 116.0#
141 37.3 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.277 ng
RT: 12.640 min Scan# 1346
Delta R.T. -0.017 min
Lab File: BN034519.D
Acq: 10 Oct 2024 13:54

Tgt Ion:172 Resp: 7327
Ion Ratio Lower Upper
172 100
171 36.7 27.3 40.9
170 24.7 18.1 27.1

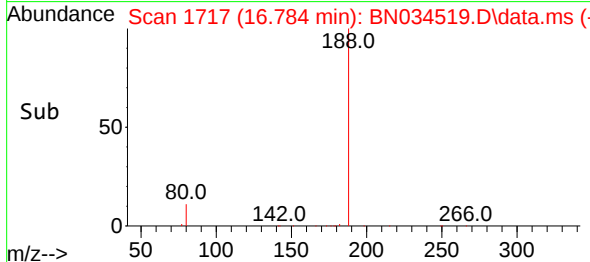
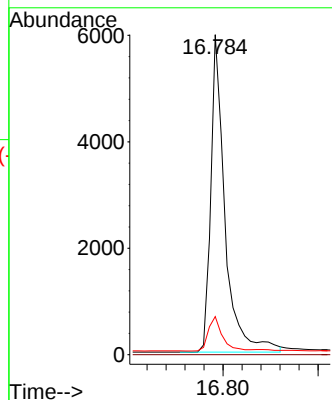
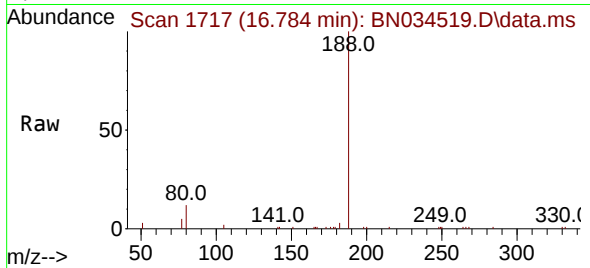




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.784 min Scan# 11
Delta R.T. -0.019 min
Lab File: BN034519.D
Acq: 10 Oct 2024 13:54

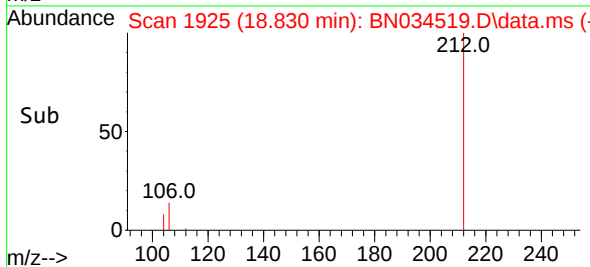
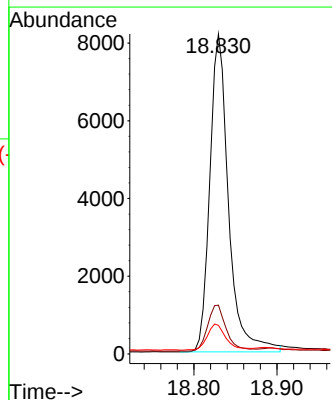
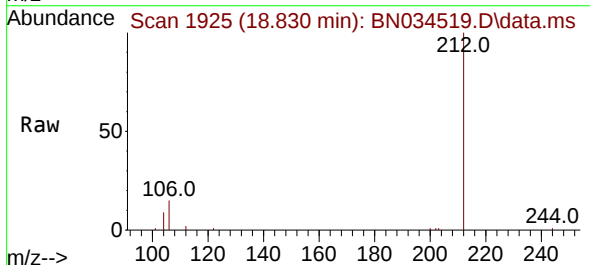
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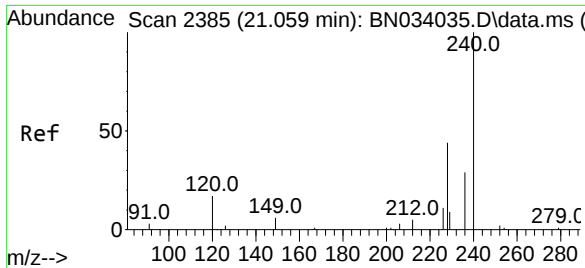
Tgt Ion:188 Resp: 12362
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.412 ng
RT: 18.830 min Scan# 1925
Delta R.T. -0.016 min
Lab File: BN034519.D
Acq: 10 Oct 2024 13:54

Tgt Ion:212 Resp: 12847
Ion Ratio Lower Upper
212 100
106 14.5 13.4 20.2
104 8.2 7.8 11.6

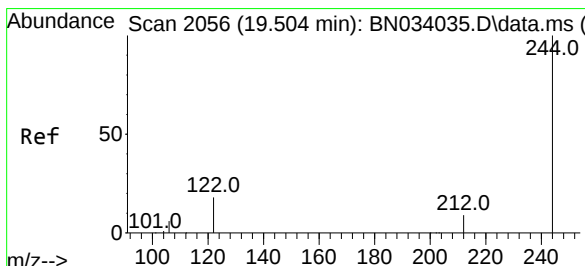
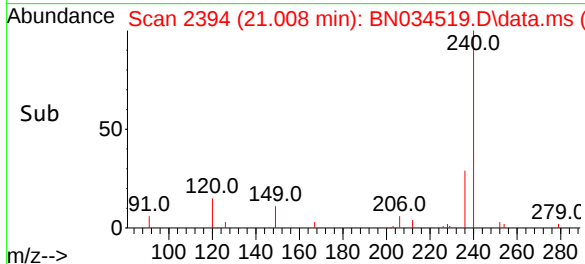
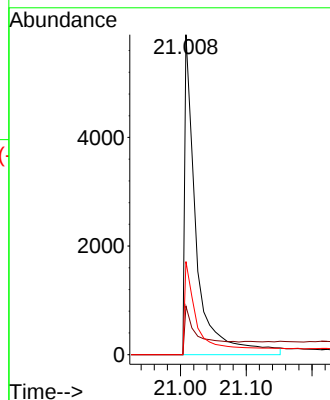
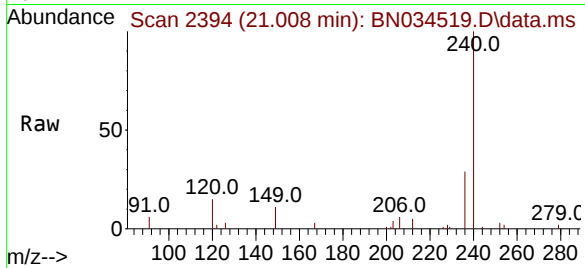




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034519.D
Acq: 10 Oct 2024 13:54

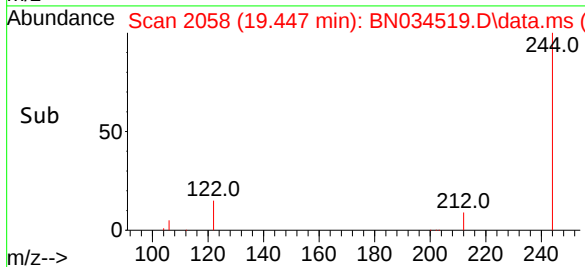
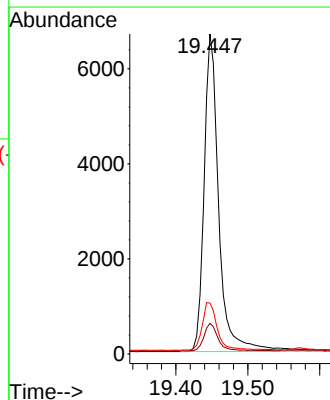
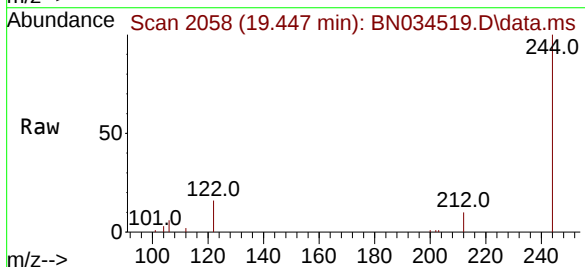
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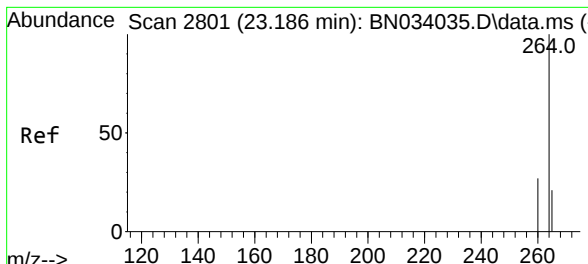
Tgt Ion:240 Resp: 7593
Ion Ratio Lower Upper
240 100
120 15.2 13.5 20.3
236 29.1 23.4 35.0



#31
Terphenyl-d14
Concen: 0.620 ng
RT: 19.447 min Scan# 2058
Delta R.T. -0.021 min
Lab File: BN034519.D
Acq: 10 Oct 2024 13:54

Tgt Ion:244 Resp: 9406
Ion Ratio Lower Upper
244 100
212 9.6 7.8 11.6
122 15.9 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.116 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN034519.D
 Acq: 10 Oct 2024 13:54

Instrument :
 BNA_N
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Tgt Ion: 264 Resp: 10565

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.7	32.5
265	82.7	52.1	78.1

