

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034506.D
 Acq On : 09 Oct 2024 16:13
 Operator : RC/JU
 Sample : P4231-01
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20240924

Quant Time: Oct 09 16:42:01 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)

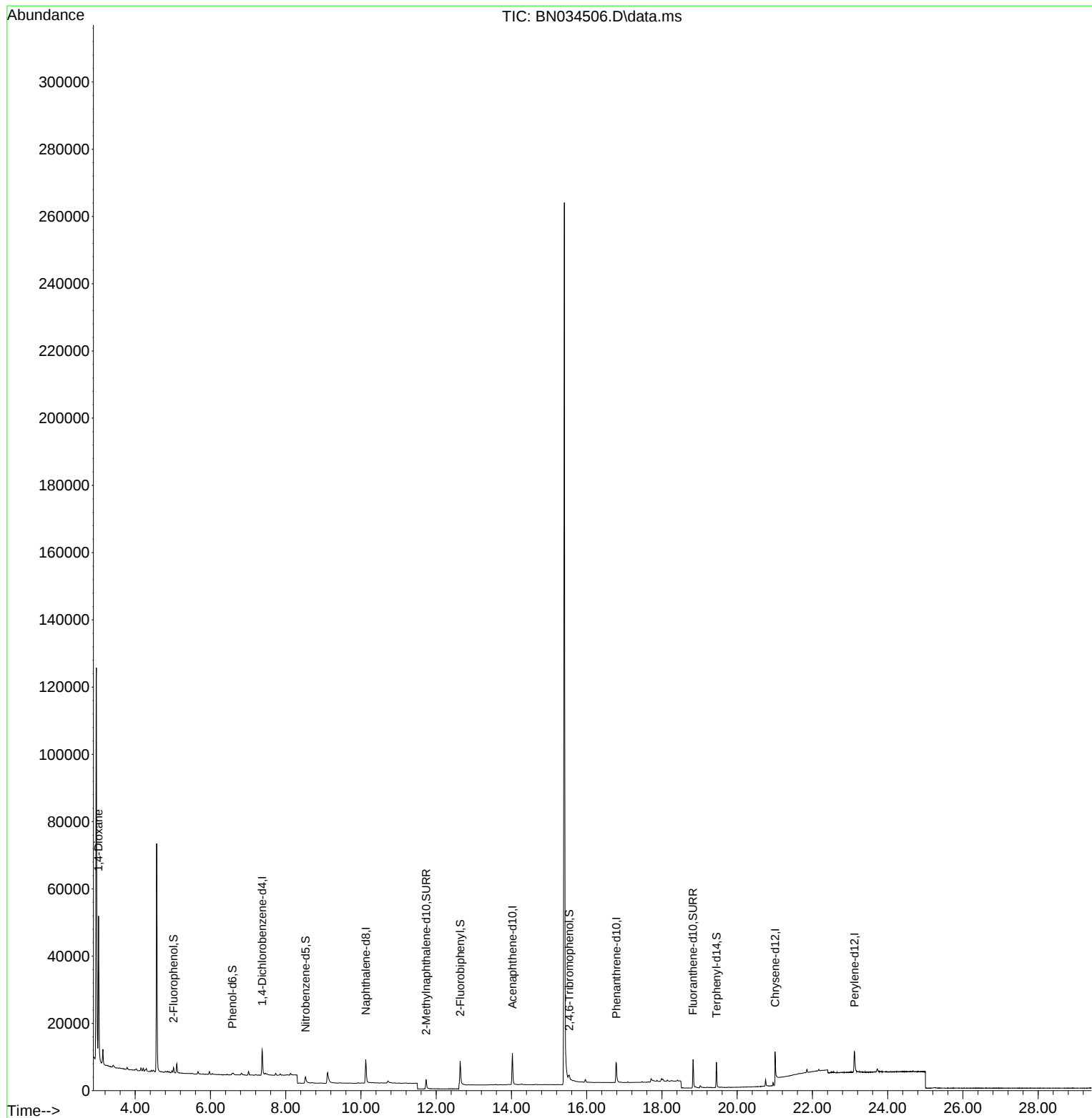
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3981	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	11066	0.400	ng	-0.02
13) Acenaphthene-d10	14.026	164	6014	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	11160	0.400	ng	-0.01
29) Chrysene-d12	21.006	240	7384	0.400	ng	0.00
35) Perylene-d12	23.116	264	8907	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1273	0.113	ng	-0.01
5) Phenol-d6	6.586	99	698	0.053	ng	-0.01
8) Nitrobenzene-d5	8.525	82	2282	0.270	ng	-0.01
11) 2-Methylnaphthalene-d10	11.731	152	4762	0.291	ng	-0.02
14) 2,4,6-Tribromophenol	15.537	330	764	0.280	ng	-0.01
15) 2-Fluorobiphenyl	12.636	172	7572	0.310	ng	-0.02
27) Fluoranthene-d10	18.827	212	10323	0.367	ng	-0.02
31) Terphenyl-d14	19.450	244	7952	0.539	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.025	88	25632	5.150	ng	Qvalue 98

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

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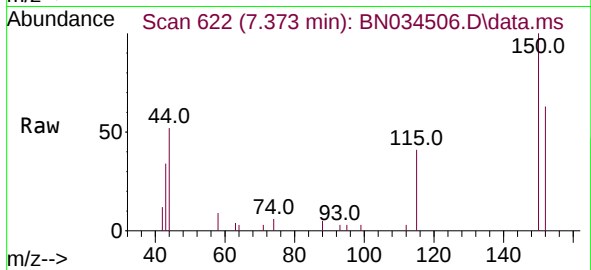
Quant Time: Oct 09 16:42:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
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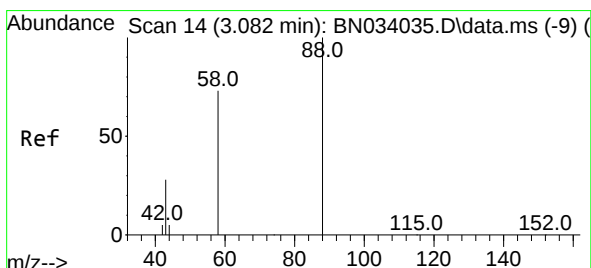
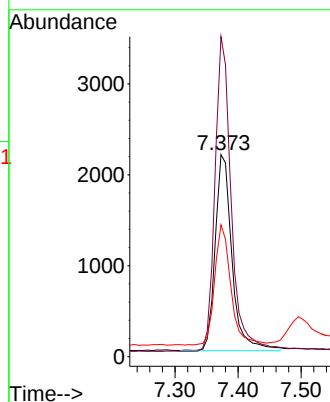
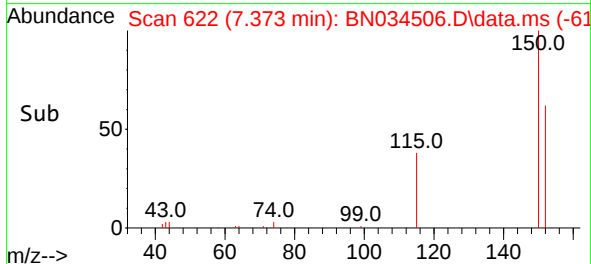


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

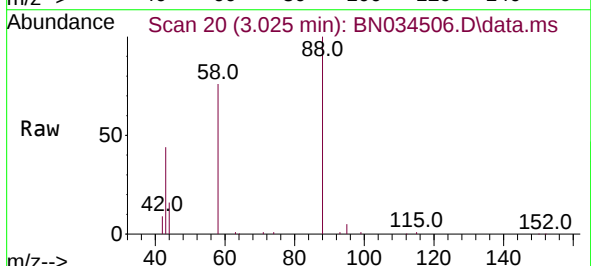
Instrument :
BNA_N
ClientSampleId :
TT101D-20240924



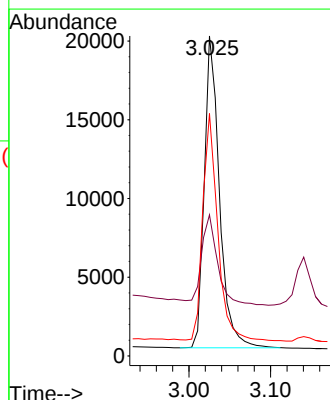
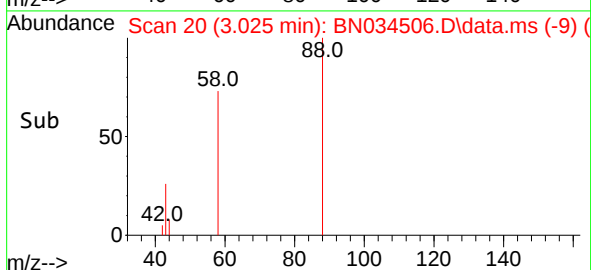
Tgt Ion:152 Resp: 3981
Ion Ratio Lower Upper
152 100
150 158.3 124.6 187.0
115 65.2 50.0 75.0



#2
1,4-Dioxane
Concen: 5.150 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.022 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13



Tgt Ion: 88 Resp: 25632
Ion Ratio Lower Upper
88 100
43 30.8 25.8 38.8
58 71.9 58.8 88.2

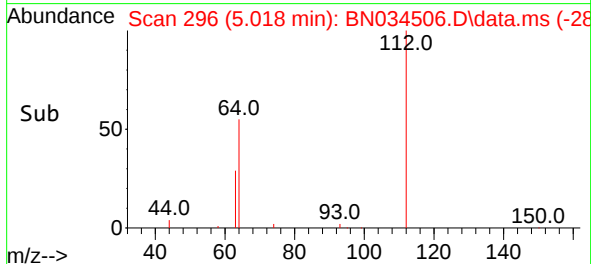
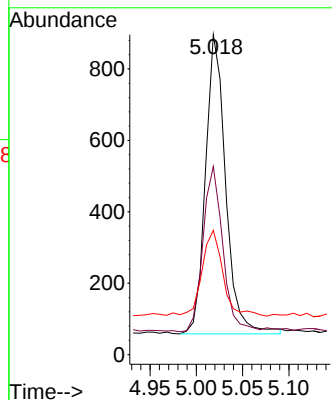
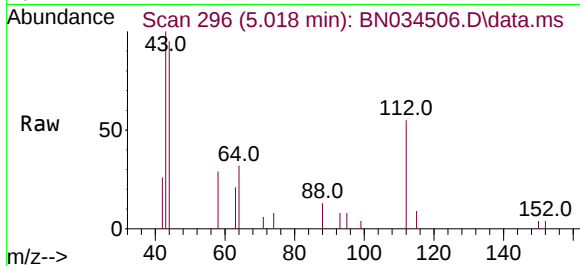




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.018 min Scan# 24
Delta R.T. -0.014 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

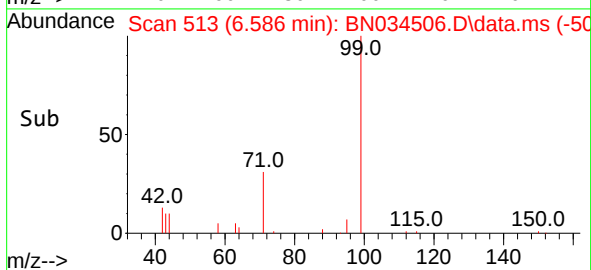
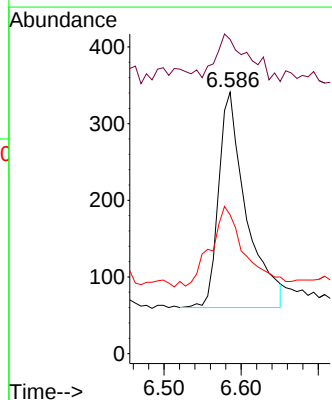
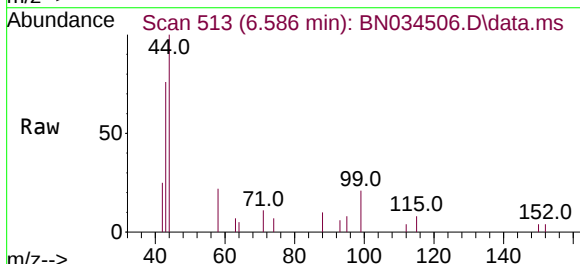
Instrument :
BNA_N
ClientSampleId :
TT101D-20240924

Tgt Ion:112 Resp: 1273
Ion Ratio Lower Upper
112 100
64 54.4 48.6 72.8
63 29.5 25.6 38.4



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.586 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

Tgt Ion: 99 Resp: 698
Ion Ratio Lower Upper
99 100
42 25.4 17.8 26.8
71 45.1 26.2 39.2#

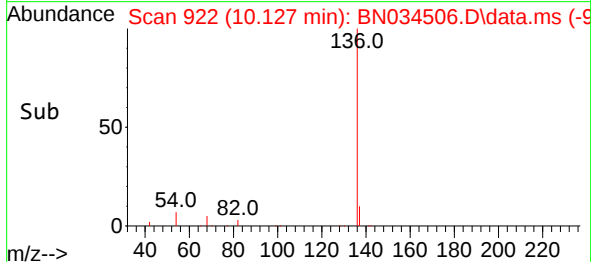
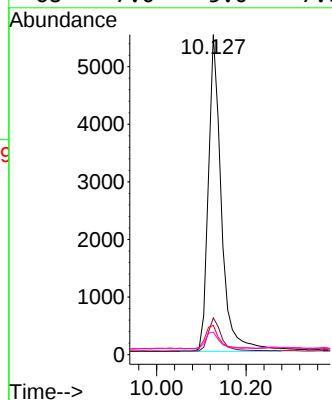
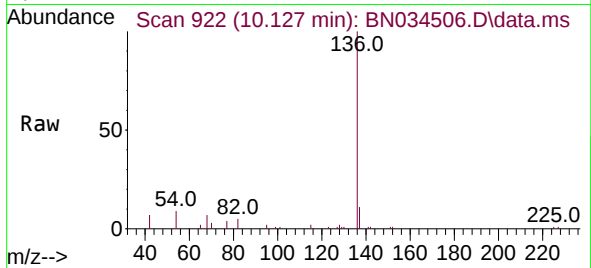




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

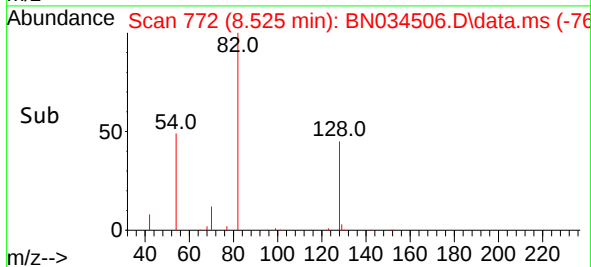
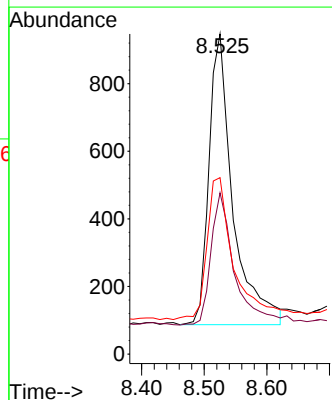
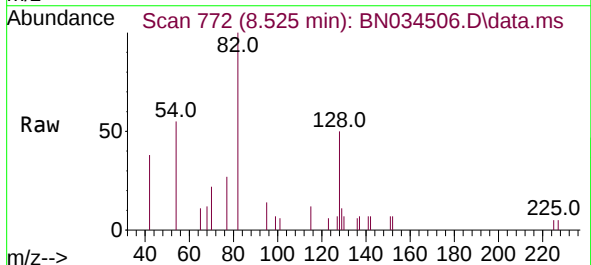
Instrument :
BNA_N
ClientSampleId :
TT101D-20240924

Tgt Ion:	136	Resp:	11066
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	9.1	6.8	10.2
68	7.0	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.525 min Scan# 772
Delta R.T. -0.011 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

Tgt Ion:	82	Resp:	2282
Ion Ratio	Lower	Upper	
82	100		
128	50.4	31.4	47.2#
54	55.1	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.291 ng

RT: 11.731 min Scan# 1111

Delta R.T. -0.023 min

Lab File: BN034506.D

Acq: 09 Oct 2024 16:13

Instrument :

BNA_N

ClientSampleId :

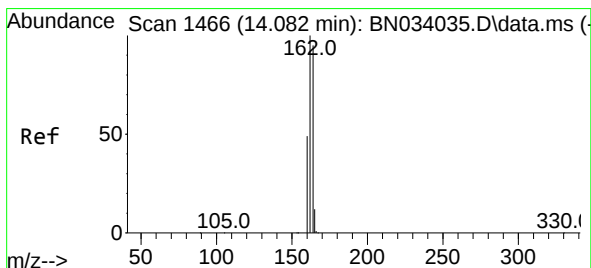
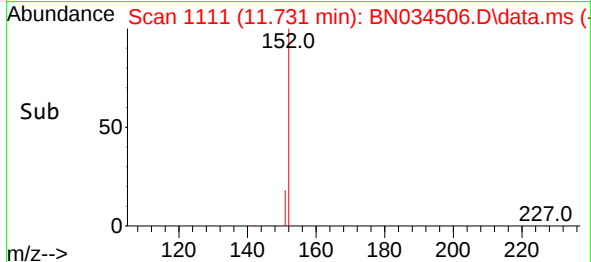
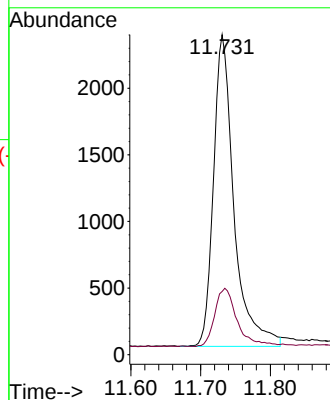
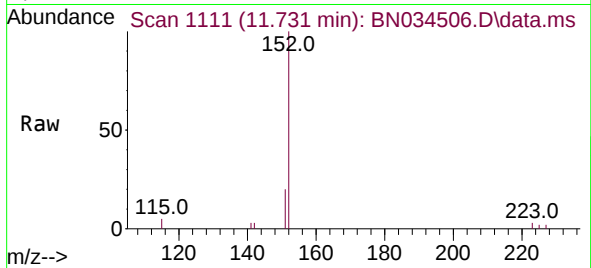
TT101D-20240924

Tgt Ion:152 Resp: 4762

Ion Ratio Lower Upper

152 100

151 20.4 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: BN034506.D

Acq: 09 Oct 2024 16:13

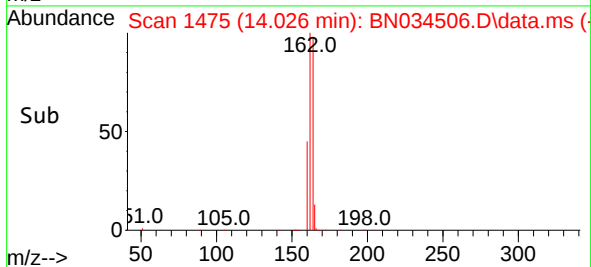
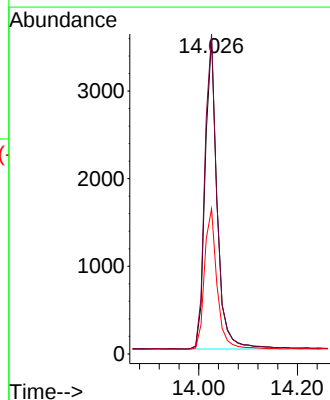
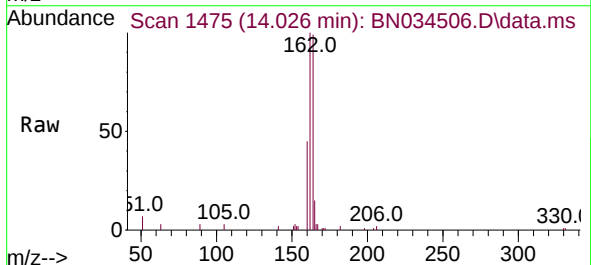
Tgt Ion:164 Resp: 6014

Ion Ratio Lower Upper

164 100

162 101.4 84.2 126.2

160 46.0 41.7 62.5

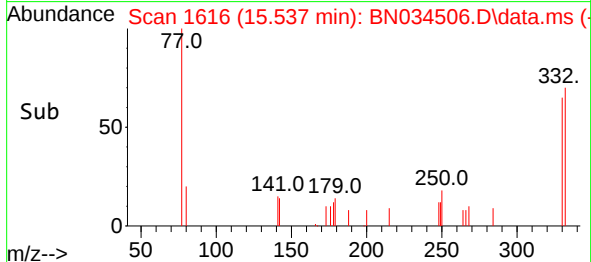
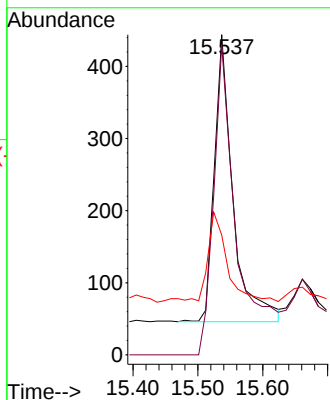
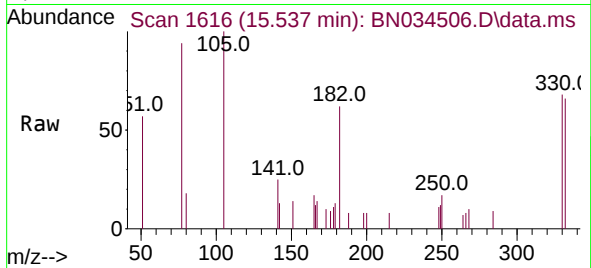




#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.537 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

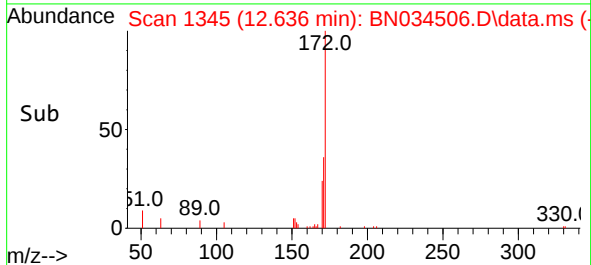
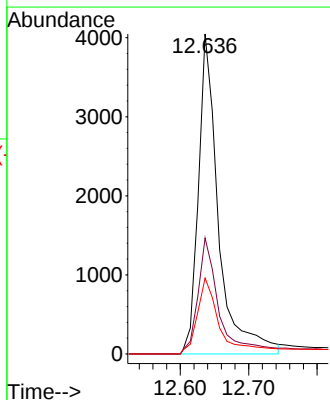
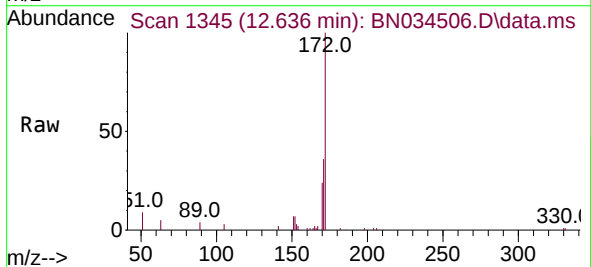
Instrument :
BNA_N
ClientSampleId :
TT101D-20240924

Tgt Ion:330 Resp: 764
Ion Ratio Lower Upper
330 100
332 138.9 77.4 116.0#
141 31.7 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 12.636 min Scan# 1345
Delta R.T. -0.021 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

Tgt Ion:172 Resp: 7572
Ion Ratio Lower Upper
172 100
171 36.2 27.3 40.9
170 23.7 18.1 27.1

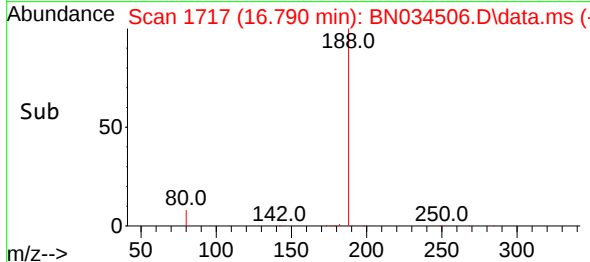
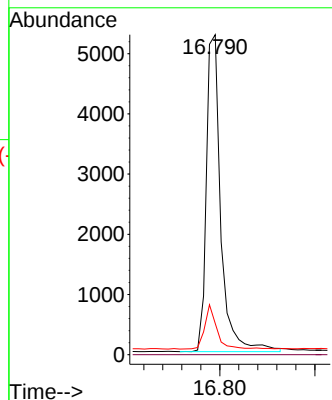
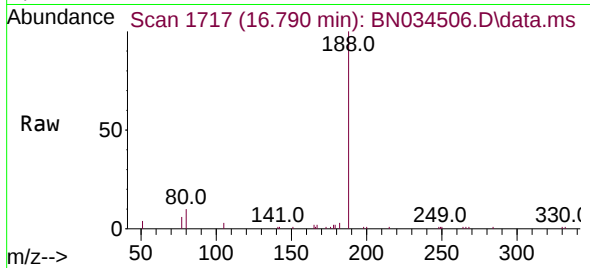




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

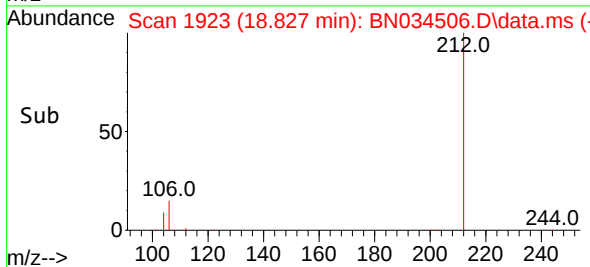
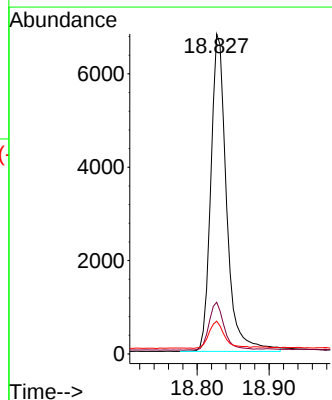
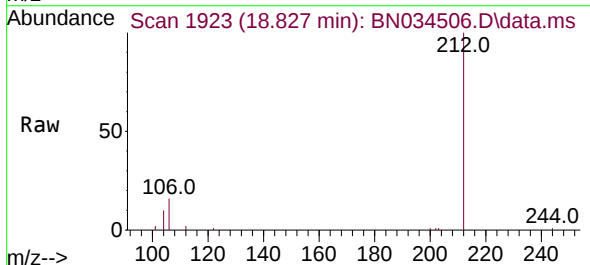
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ClientSampleId :
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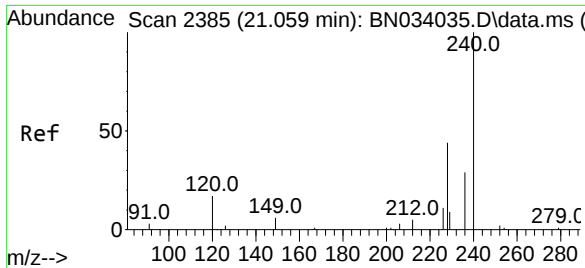
Tgt Ion:188 Resp: 11160
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 18.827 min Scan# 1923
Delta R.T. -0.018 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

Tgt Ion:212 Resp: 10323
Ion Ratio Lower Upper
212 100
106 14.7 13.4 20.2
104 8.5 7.8 11.6

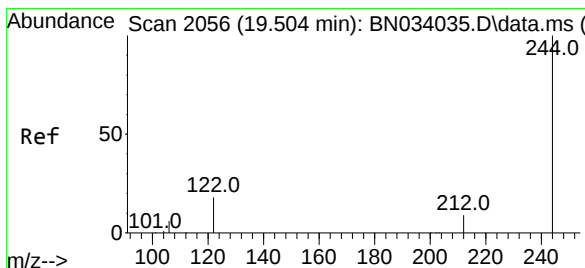
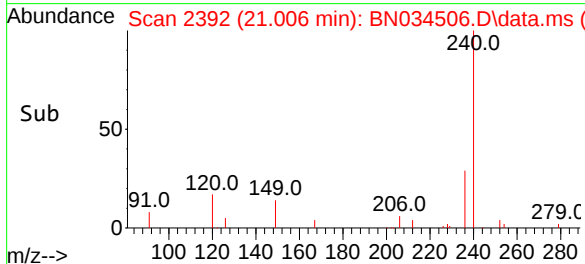
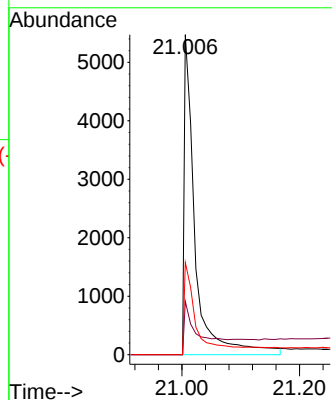
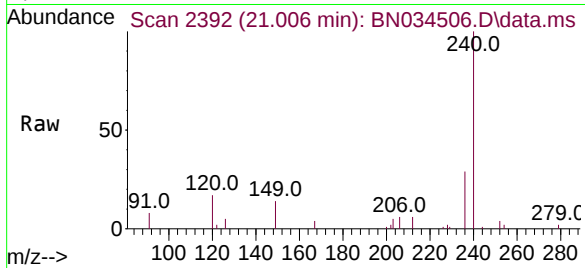




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

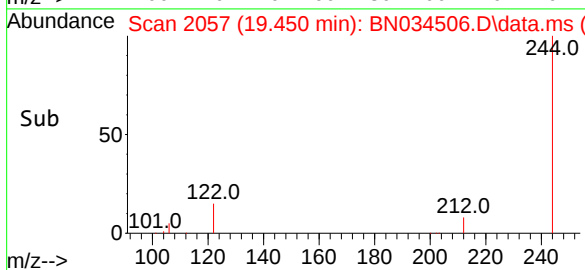
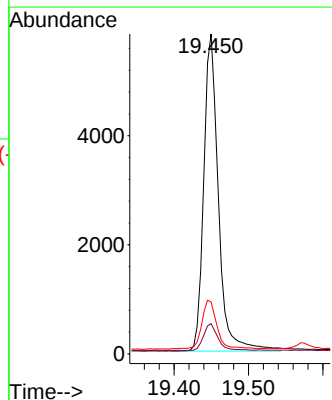
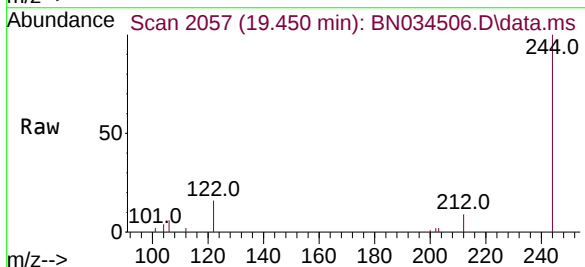
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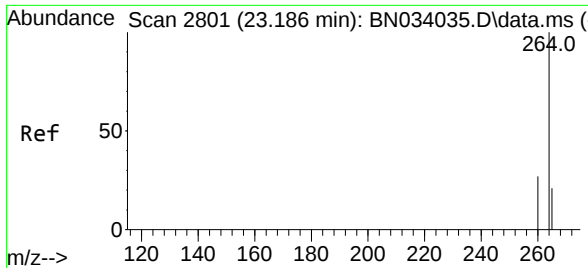
Tgt Ion:240 Resp: 7384
Ion Ratio Lower Upper
240 100
120 16.6 13.5 20.3
236 28.8 23.4 35.0



#31
Terphenyl-d14
Concen: 0.539 ng
RT: 19.450 min Scan# 2057
Delta R.T. -0.018 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

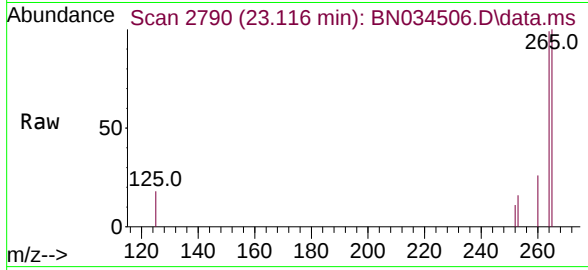
Tgt Ion:244 Resp: 7952
Ion Ratio Lower Upper
244 100
212 9.4 7.8 11.6
122 16.3 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.116 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN034506.D
 Acq: 09 Oct 2024 16:13

Instrument :
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Tgt Ion:264 Resp: 8907
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.7 32.5
 265 101.3 52.1 78.1#

