

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)

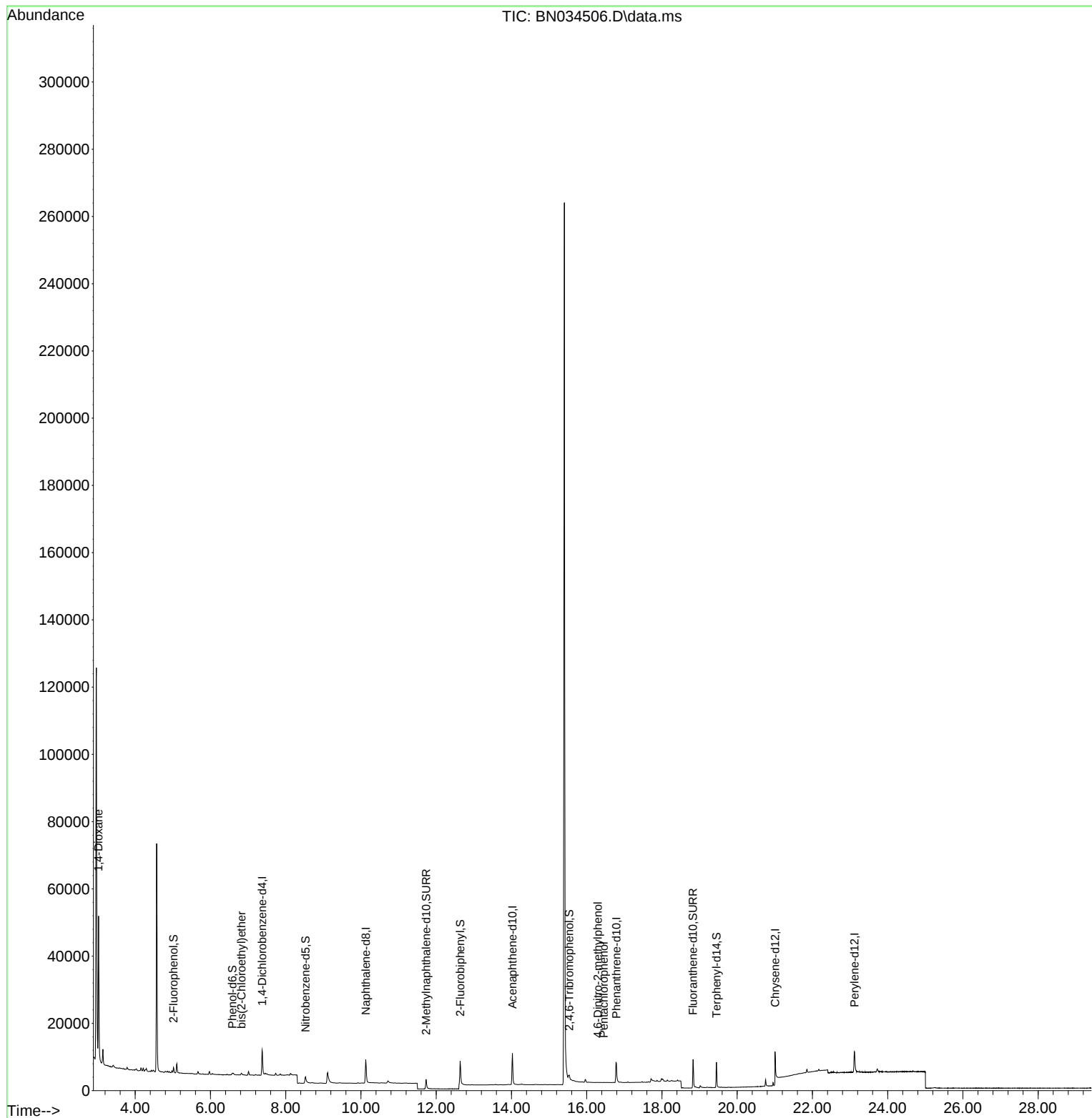
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3981	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	11066	0.400	ng	-0.02
13) Acenaphthene-d10	14.026	164	6014	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	11160	0.400	ng	-0.01
29) Chrysene-d12	21.006	240	7384	0.400	ng	0.00
35) Perylene-d12	23.116	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	98
6) bis(2-Chloroethyl)ether	6.824	93	422	0.036	ng	# 91
20) 4,6-Dinitro-2-methylph...	16.294	198	6	0.141	ng	# 1
24) Pentachlorophenol	16.455	266	90	0.039	ng	92

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

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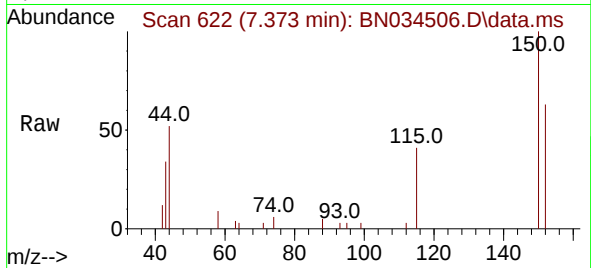
Quant Time: Oct 09 16:42:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
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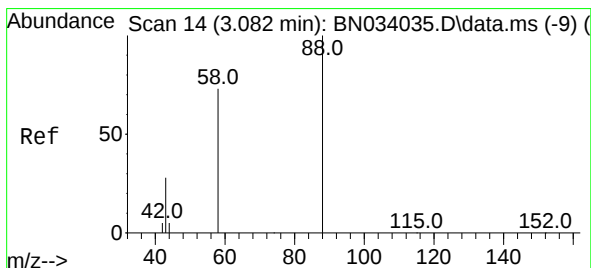
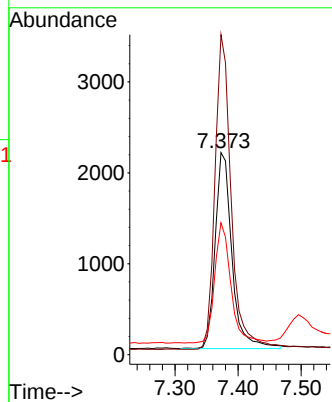
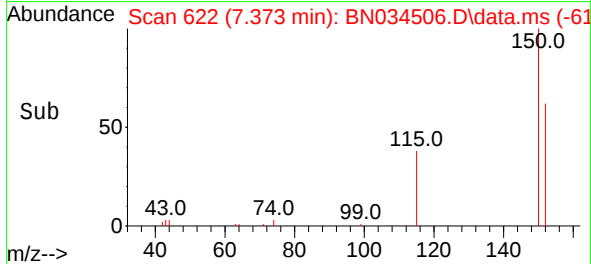


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.373 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN034506.D
 Acq: 09 Oct 2024 16:13

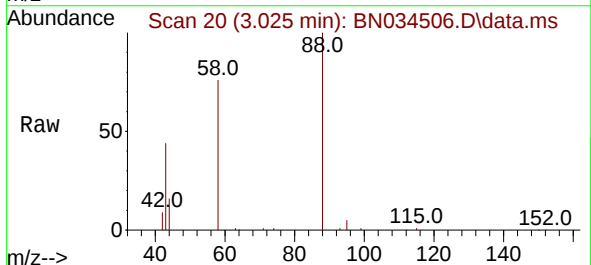
Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20240924



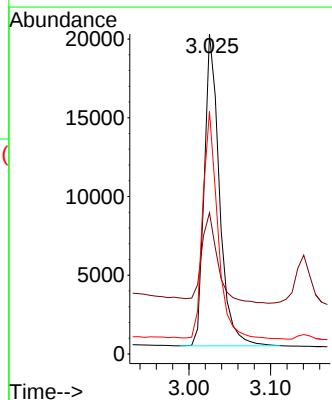
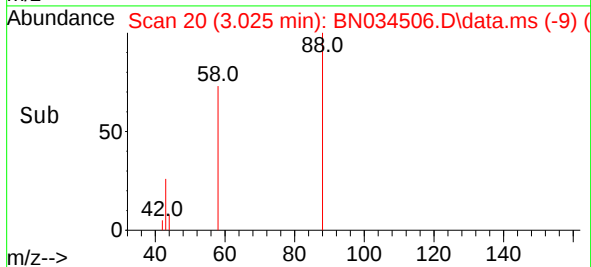
Tgt Ion:152 Resp: 3981
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 187.0
 115 65.2 50.0 75.0



#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

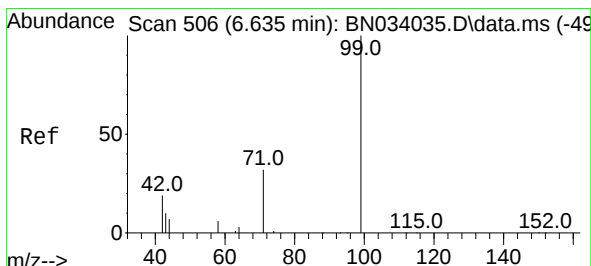
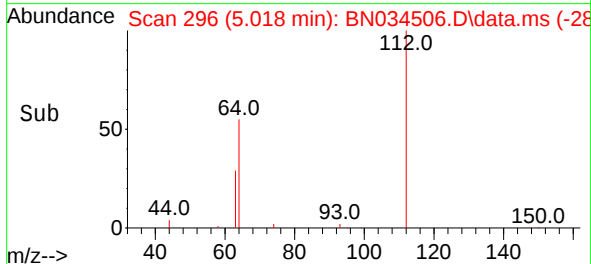
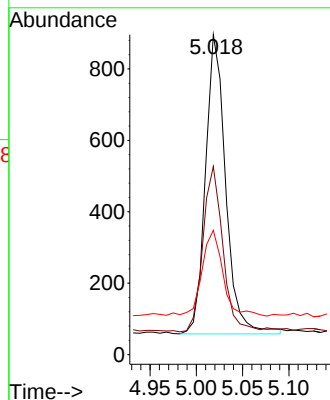
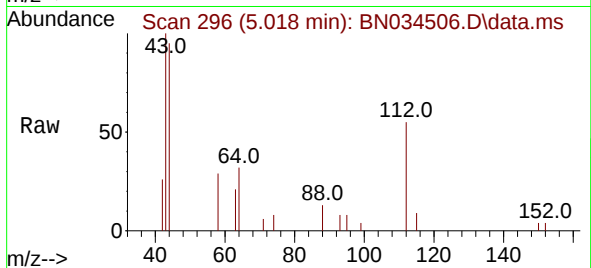




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.018 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

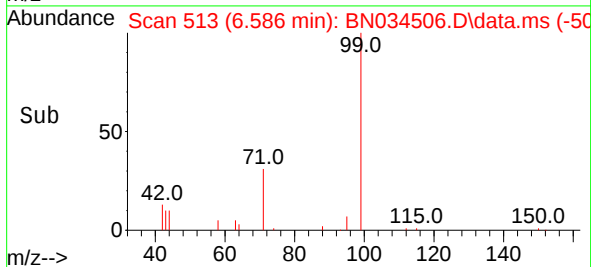
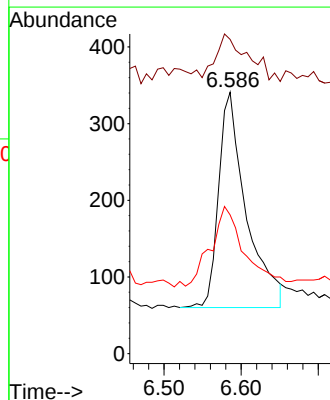
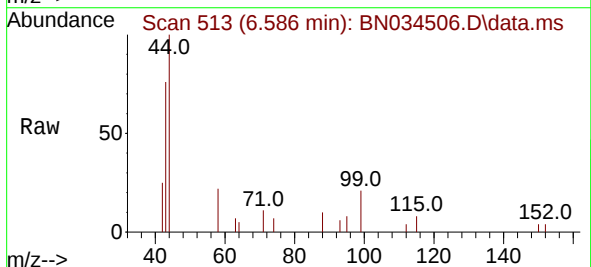
Instrument :
BNA_N
ClientSampleId :
TT101D-20240924

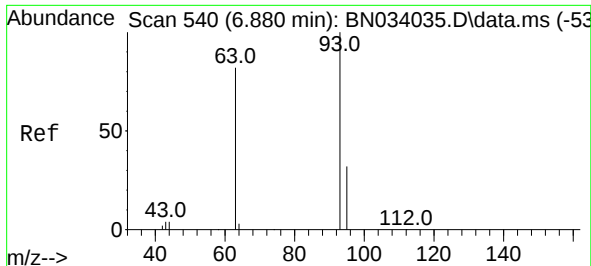
Tgt Ion:112 Resp: 1273
Ion Ratio Lower Upper
112 100
64 54.4 48.6 72.8
63 29.5 25.6 38.4



#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#

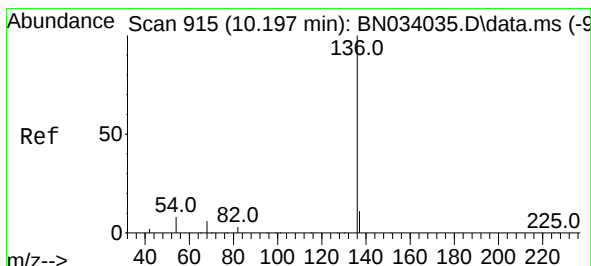
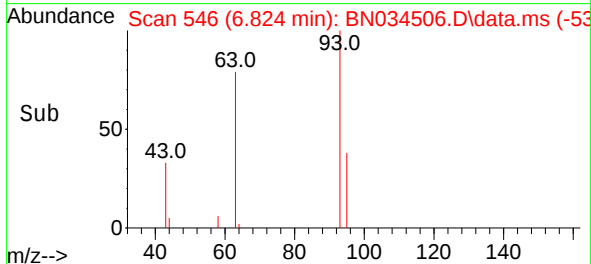
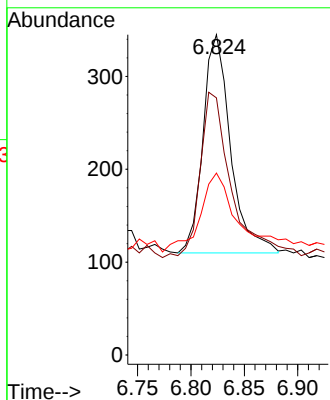
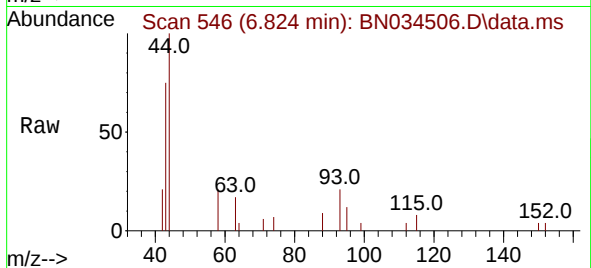




#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 6.824 min Scan# 540
Delta R.T. -0.014 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

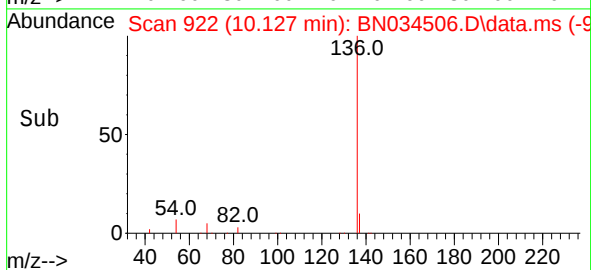
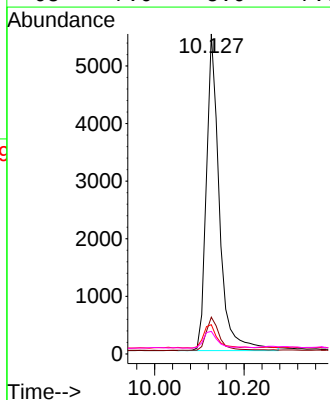
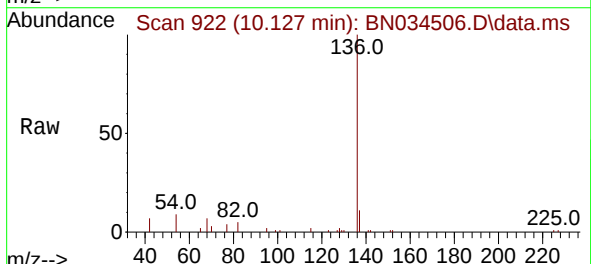
Instrument :
BNA_N
ClientSampleId :
TT101D-20240924

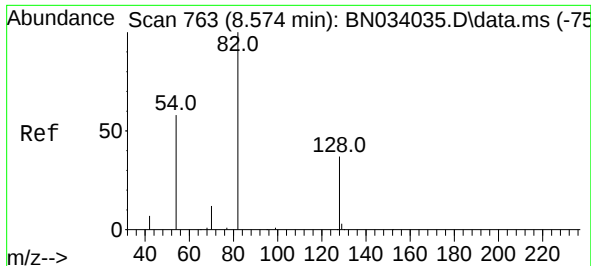
Tgt Ion: 93 Resp: 422
Ion Ratio Lower Upper
93 100
63 86.0 67.3 100.9
95 48.6 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. -0.021 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

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

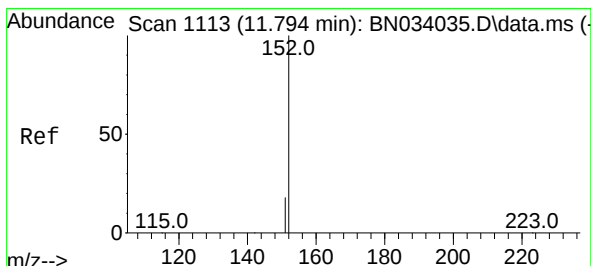
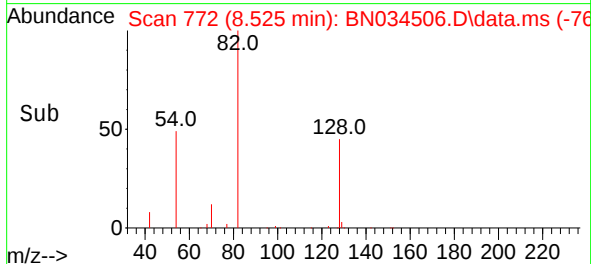
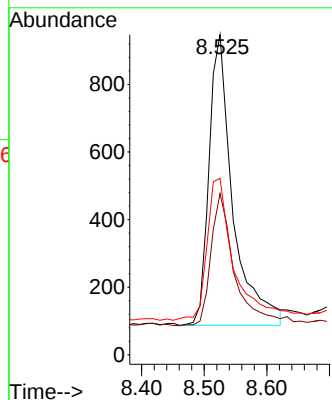
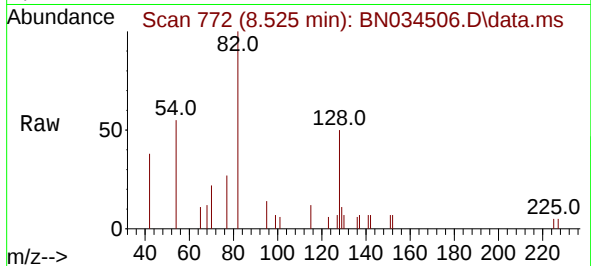




#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.525 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

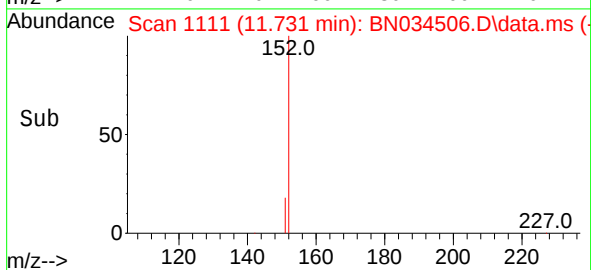
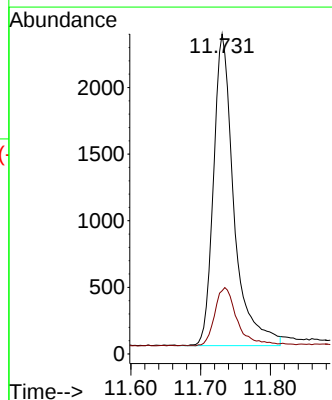
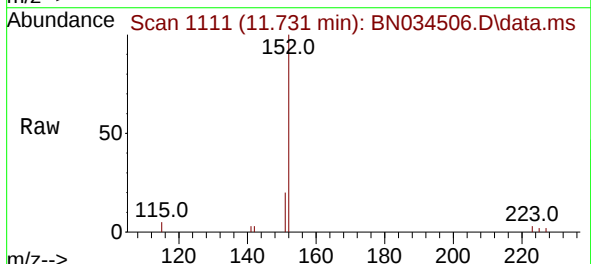
Instrument :
BNA_N
ClientSampleId :
TT101D-20240924

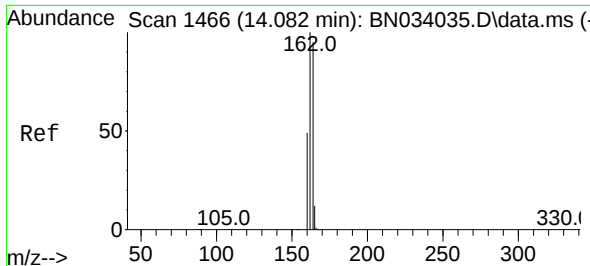
Tgt Ion: 82 Resp: 2282
Ion Ratio Lower Upper
82 100
128 50.4 31.4 47.2#
54 55.1 47.4 71.0



#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

Tgt Ion:152 Resp: 4762
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2

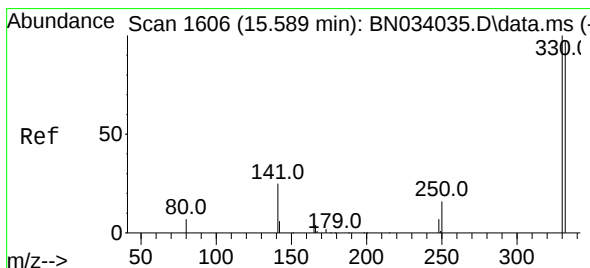
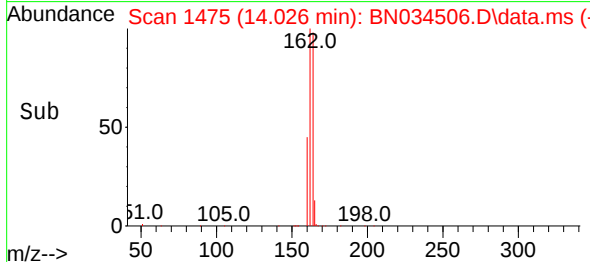
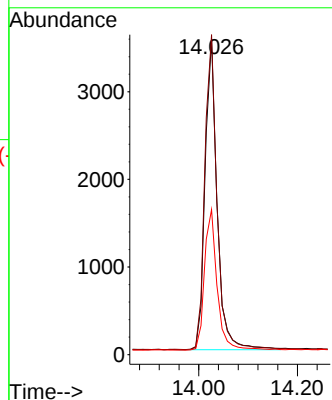
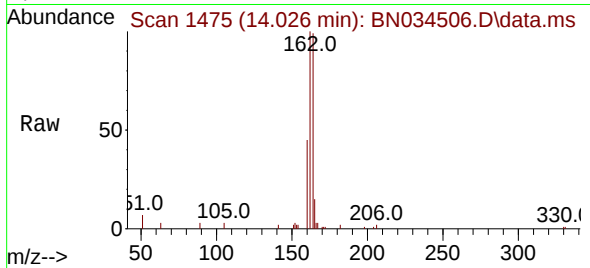




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 1466
Delta R.T. -0.021 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

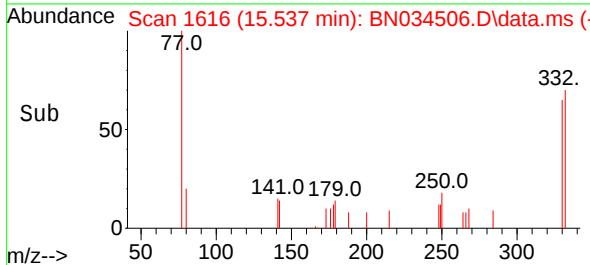
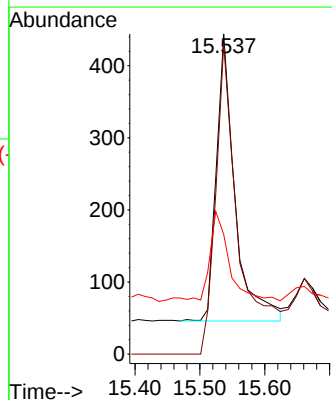
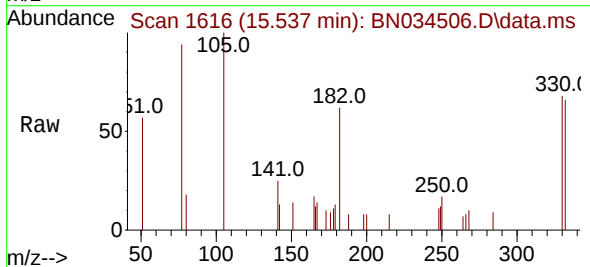
Instrument :
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ClientSampleId :
TT101D-20240924

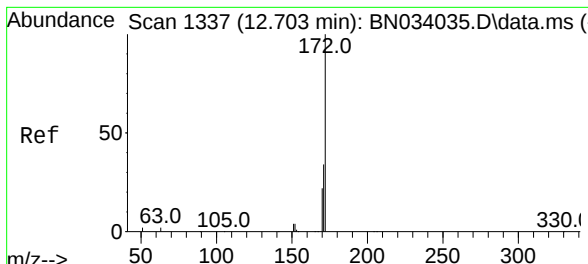
Tgt Ion:164 Resp: 6014
Ion Ratio Lower Upper
164 100
162 101.4 84.2 126.2
160 46.0 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.537 min Scan# 1616
Delta R.T. -0.012 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

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#

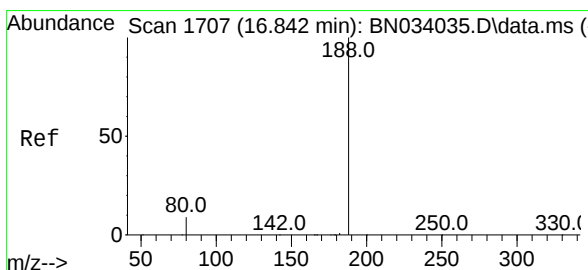
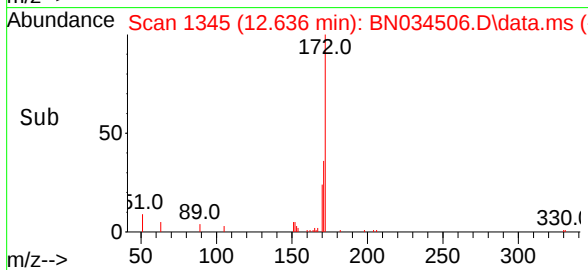
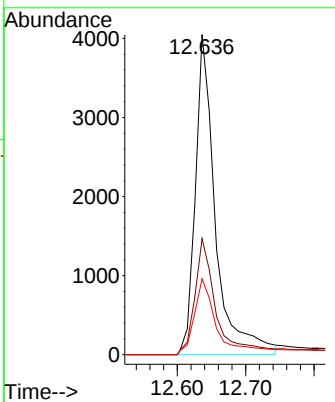
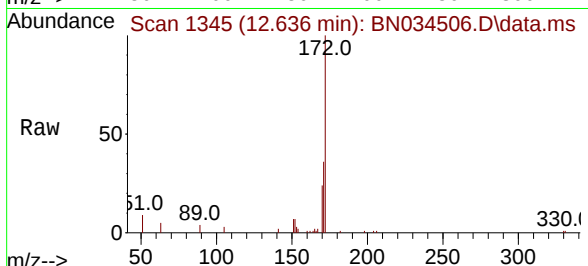




#15
 2-Fluorobiphenyl
 Concen: 0.310 ng
 RT: 12.636 min Scan# 14
 Delta R.T. -0.021 min
 Lab File: BN034506.D
 Acq: 09 Oct 2024 16:13

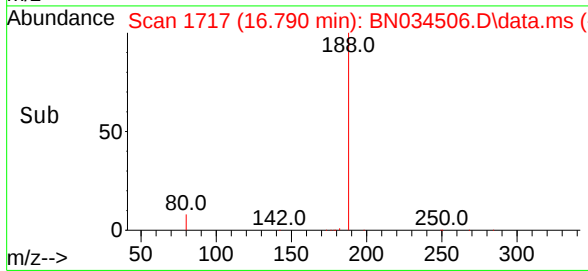
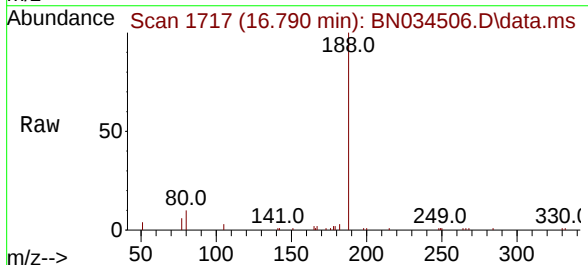
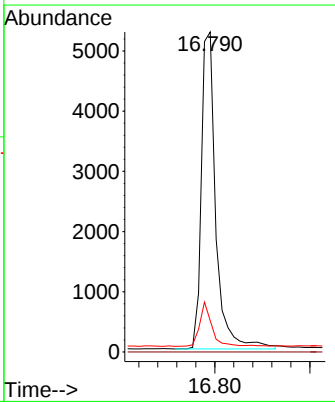
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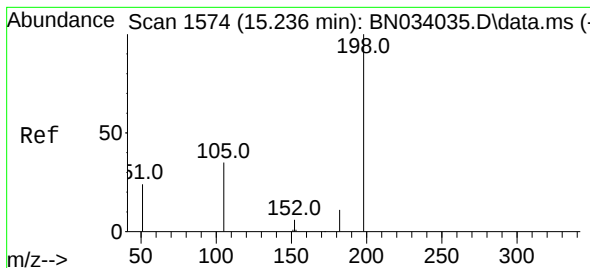
Tgt Ion:	172	Resp:	7572
Ion Ratio	Lower	Upper	
172	100		
171	36.2	27.3	40.9
170	23.7	18.1	27.1



#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

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

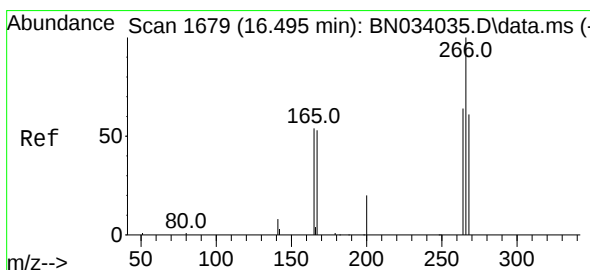
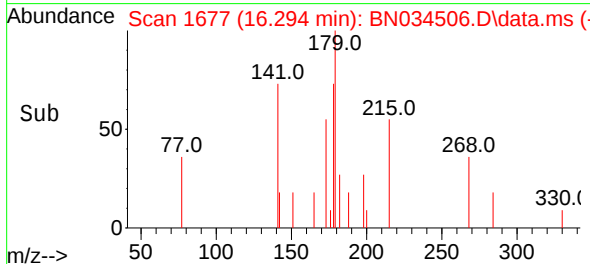
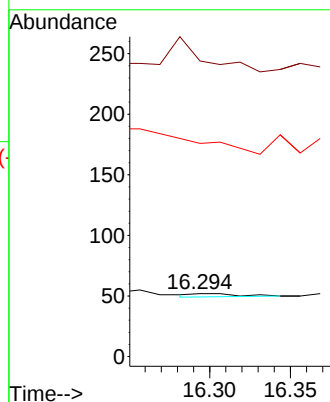
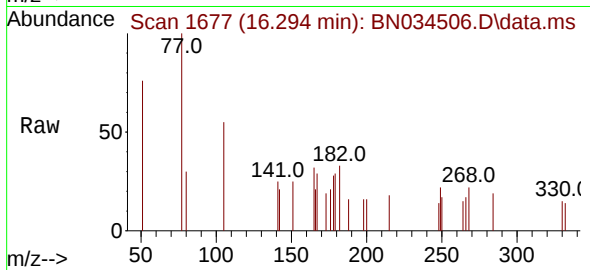




#20
4,6-Dinitro-2-methylphenol
Concen: 0.141 ng
RT: 16.294 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

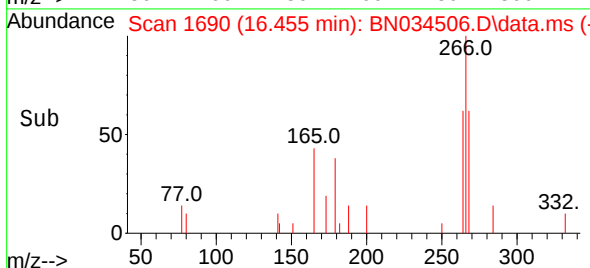
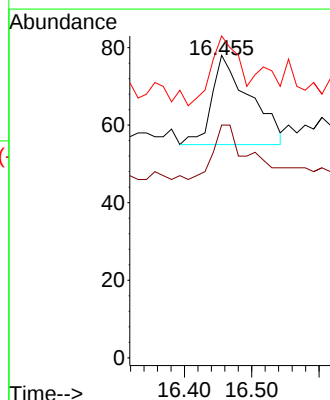
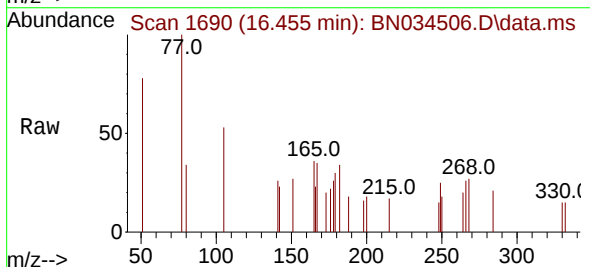
Instrument :
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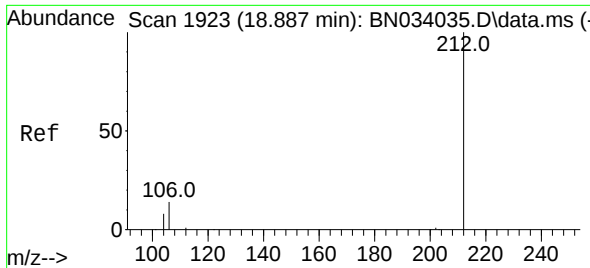
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 469.2 106.4 159.6#
105 338.5 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.039 ng
RT: 16.455 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

Tgt Ion:266 Resp: 90
Ion Ratio Lower Upper
266 100
264 56.7 50.2 75.2
268 56.7 51.0 76.4

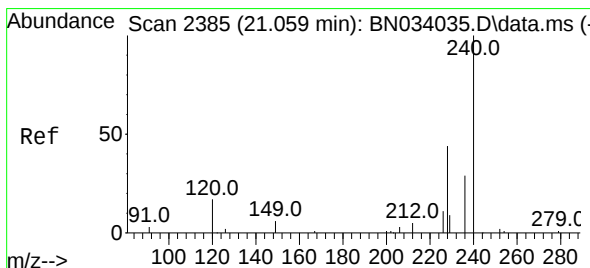
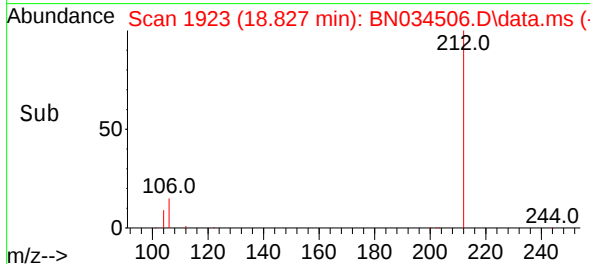
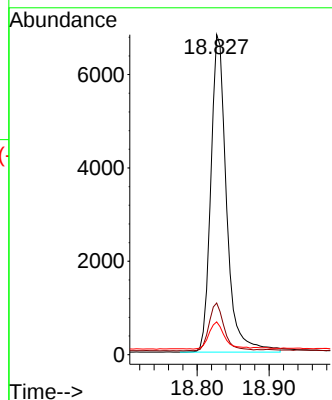
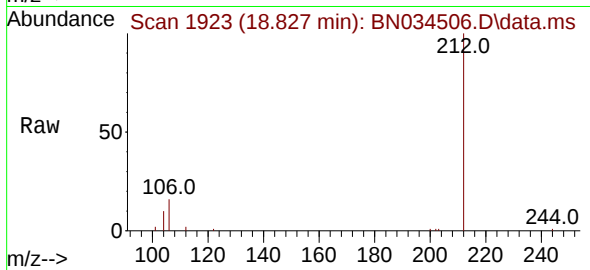




#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 18.827 min Scan# 1923
Delta R.T. -0.018 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

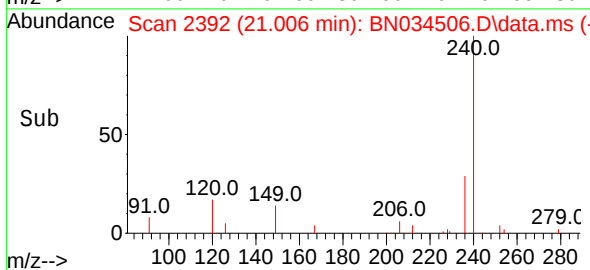
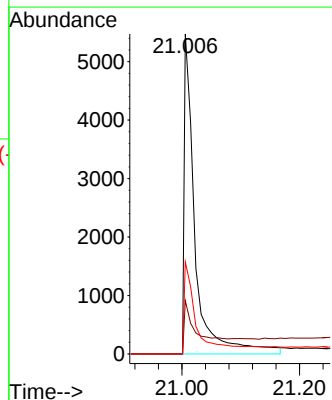
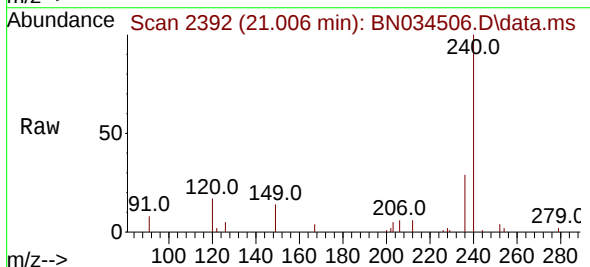
Instrument :
BNA_N
ClientSampleId :
TT101D-20240924

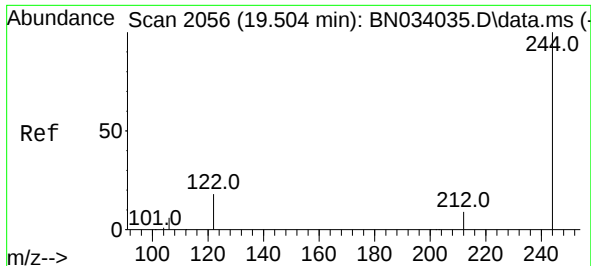
Tgt Ion:212 Resp: 10323
Ion Ratio Lower Upper
212 100
106 14.7 13.4 20.2
104 8.5 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.009 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

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

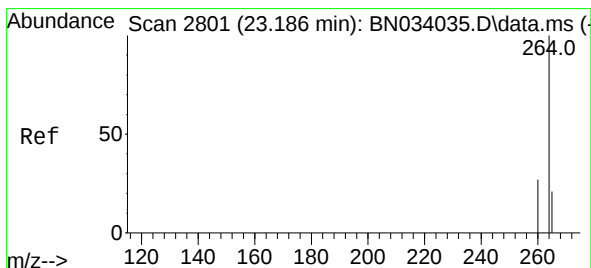
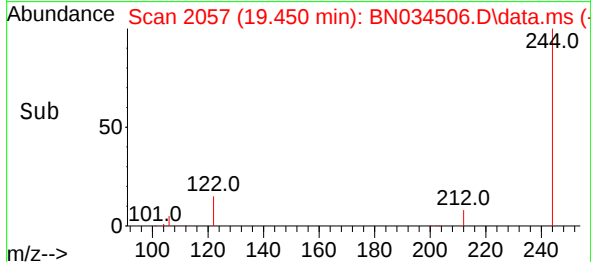
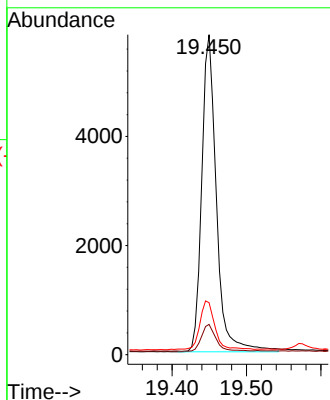
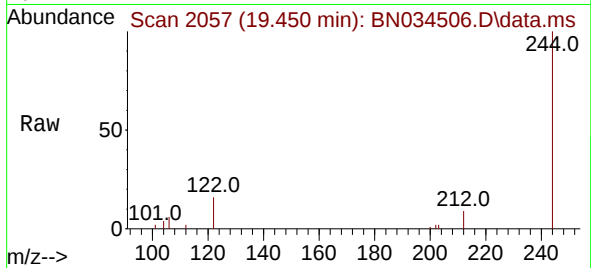




#31
Terphenyl-d14
Concen: 0.539 ng
RT: 19.450 min Scan# 2056
Delta R.T. -0.018 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

Instrument :
BNA_N
ClientSampleId :
TT101D-20240924

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# 2790
Delta R.T. -0.012 min
Lab File: BN034506.D
Acq: 09 Oct 2024 16:13

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#

