

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034507.D
 Acq On : 09 Oct 2024 16:49
 Operator : RC/JU
 Sample : P4231-02
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20240924

Quant Time: Oct 09 17:31:18 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)

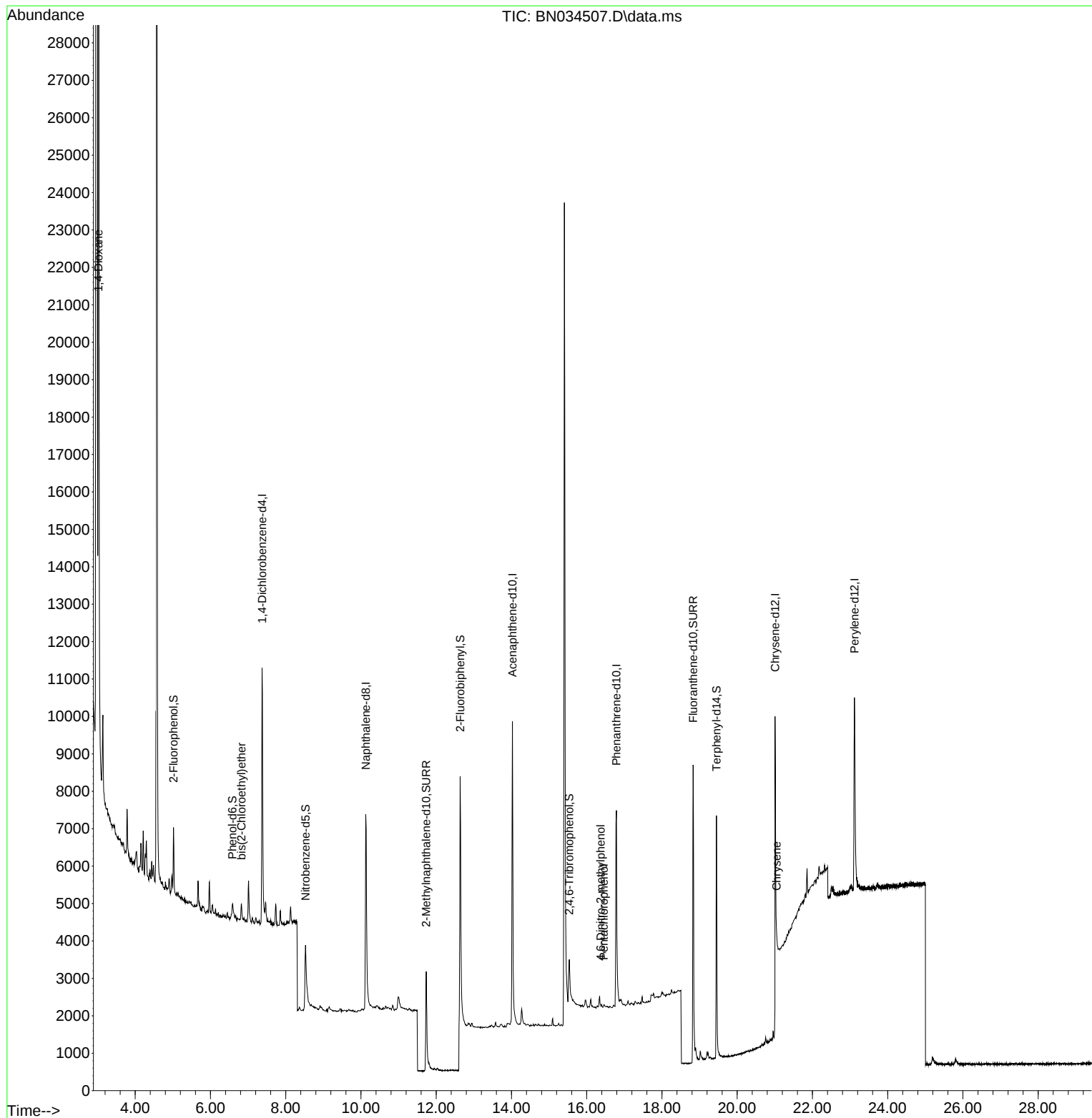
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3684	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	9812	0.400	ng	#-0.02
13) Acenaphthene-d10	14.026	164	5395	0.400	ng	-0.02
19) Phenanthrene-d10	16.791	188	9662	0.400	ng	-0.01
29) Chrysene-d12	21.006	240	6829	0.400	ng	0.00
35) Perylene-d12	23.117	264	7921	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1365	0.131	ng	-0.01
5) Phenol-d6	6.586	99	652	0.054	ng	-0.01
8) Nitrobenzene-d5	8.525	82	2302	0.307	ng	-0.01
11) 2-Methylnaphthalene-d10	11.735	152	4972	0.343	ng	-0.02
14) 2,4,6-Tribromophenol	15.537	330	747	0.306	ng	-0.01
15) 2-Fluorobiphenyl	12.636	172	7741	0.353	ng	-0.02
27) Fluoranthene-d10	18.832	212	10464	0.429	ng	-0.01
31) Terphenyl-d14	19.450	244	7144	0.524	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	23822	5.172	ng	99
6) bis(2-Chloroethyl)ether	6.824	93	397	0.037	ng	85
20) 4,6-Dinitro-2-methylph...	16.369	198	4	0.140	ng	# 1
24) Pentachlorophenol	16.455	266	69	0.034	ng	# 83
33) Chrysene	21.051	228	648	0.025	ng	# 45

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

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Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TT101D1-20240924

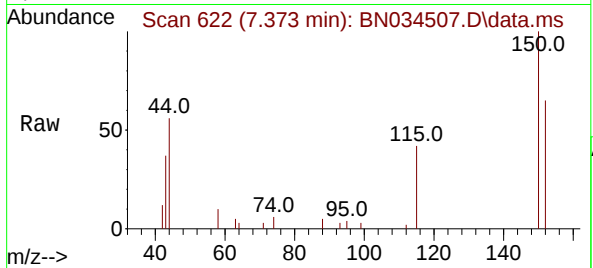
Quant Time: Oct 09 17:31:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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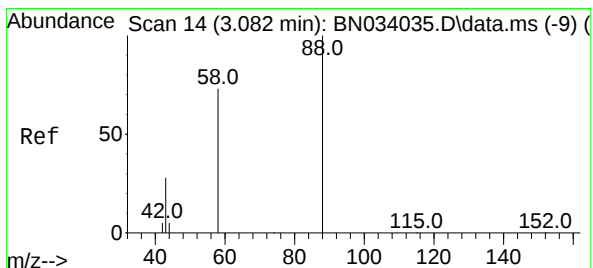
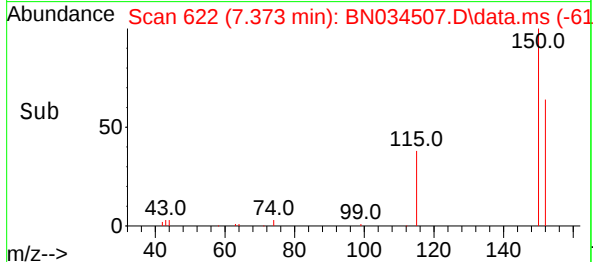
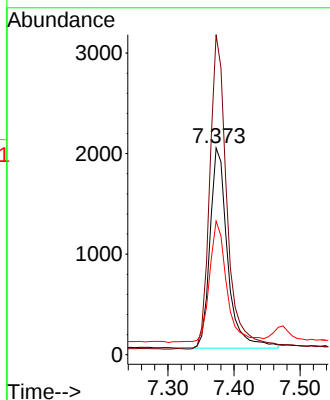


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

Instrument :
BNA_N
ClientSampleId :
TT101D1-20240924

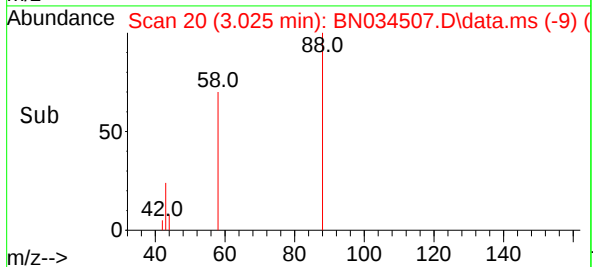
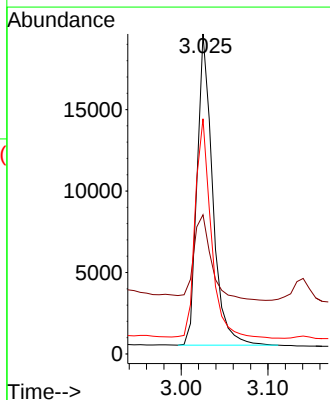
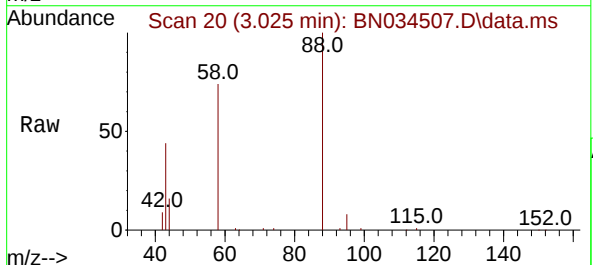


Tgt Ion:152 Resp: 3684
Ion Ratio Lower Upper
152 100
150 154.7 124.6 187.0
115 64.6 50.0 75.0



#2
1,4-Dioxane
Concen: 5.172 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.021 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

Tgt Ion: 88 Resp: 23822
Ion Ratio Lower Upper
88 100
43 31.3 25.8 38.8
58 72.5 58.8 88.2

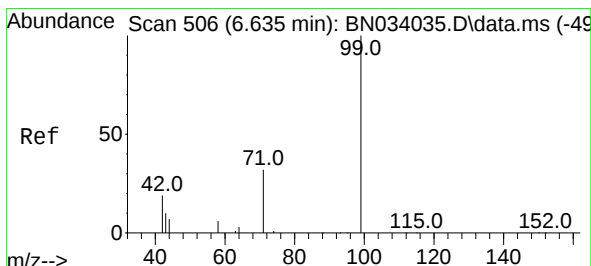
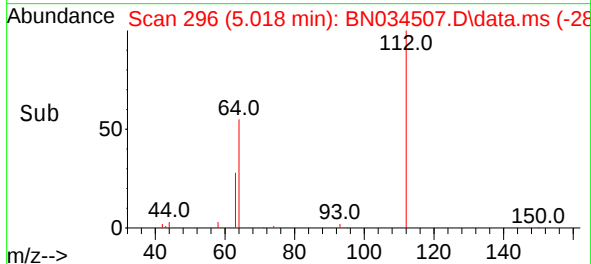
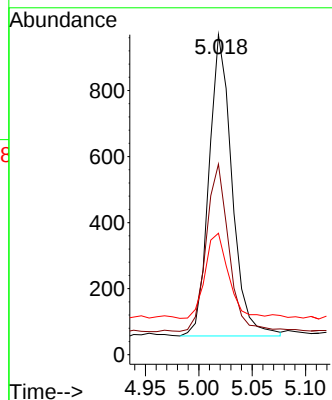
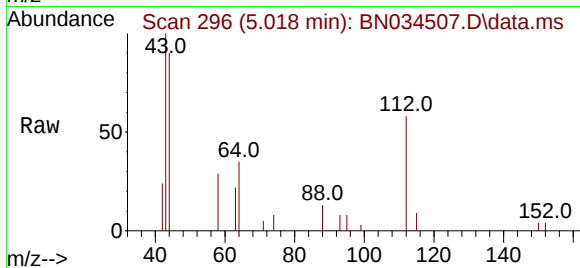




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.018 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

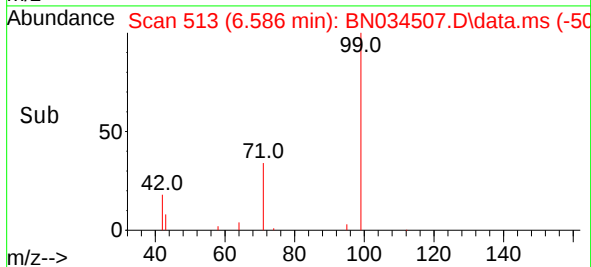
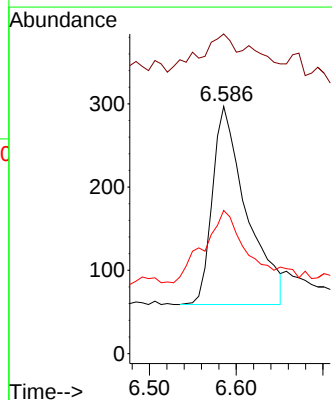
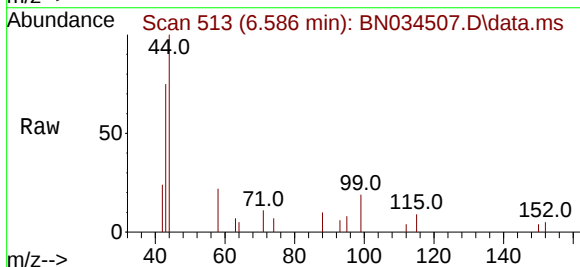
Instrument :
BNA_N
ClientSampleId :
TT101D1-20240924

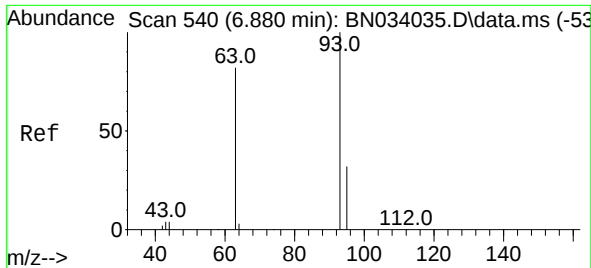
Tgt Ion:112 Resp: 1365
Ion Ratio Lower Upper
112 100
64 55.2 48.6 72.8
63 29.7 25.6 38.4



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.586 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

Tgt Ion: 99 Resp: 652
Ion Ratio Lower Upper
99 100
42 20.2 17.8 26.8
71 43.9 26.2 39.2#

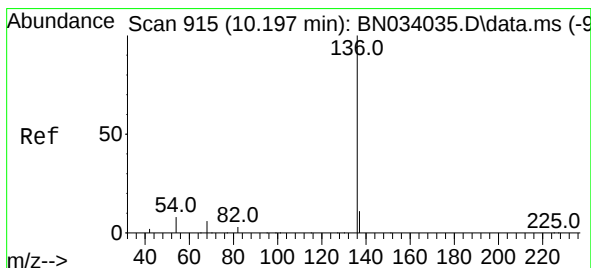
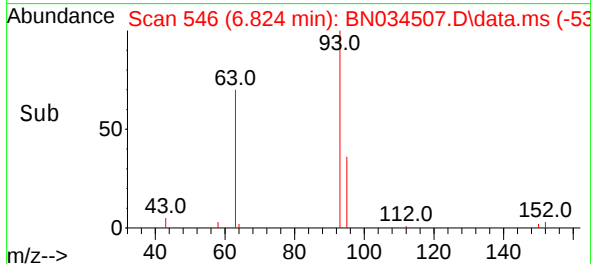
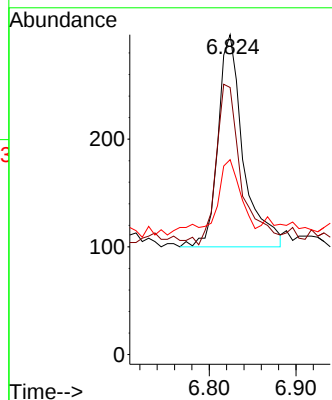
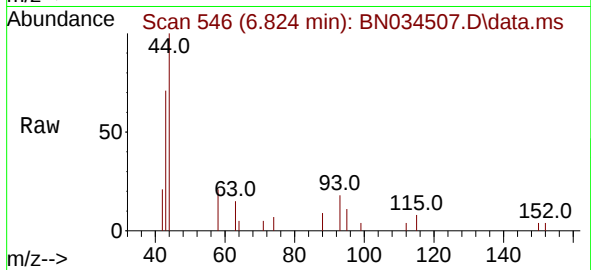




#6
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 6.824 min Scan# 540
Delta R.T. -0.014 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

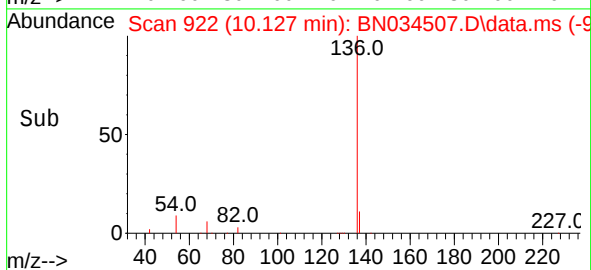
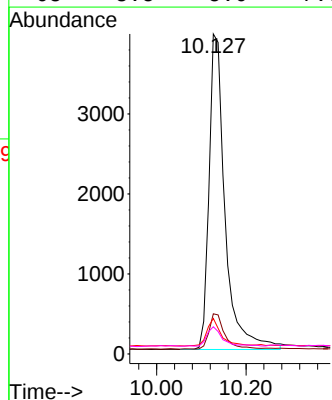
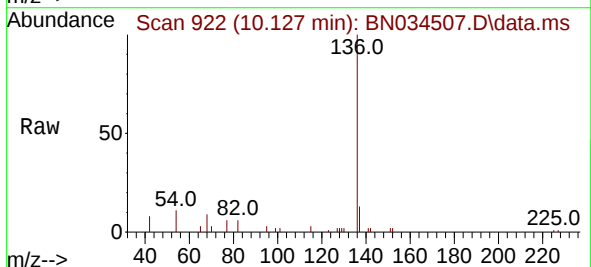
Instrument :
BNA_N
ClientSampleId :
TT101D1-20240924

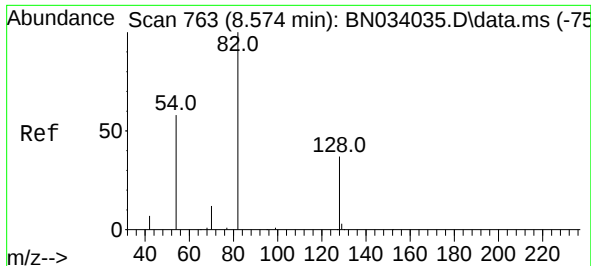
Tgt Ion:	93	Resp:	397
Ion	Ratio	Lower	Upper
93	100		
63	69.5	67.3	100.9
95	27.5	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. -0.021 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

Tgt Ion:	136	Resp:	9812
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.0	13.6
54	11.1	6.8	10.2#
68	8.5	5.0	7.6#

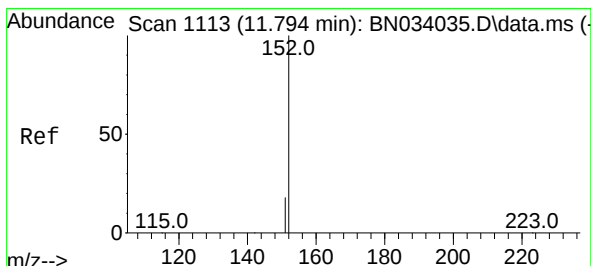
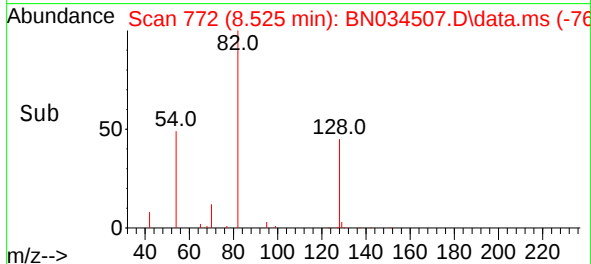
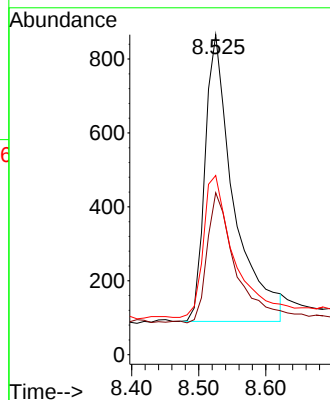
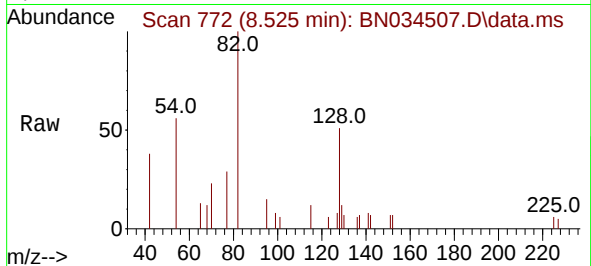




#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.525 min Scan# 71
Delta R.T. -0.010 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

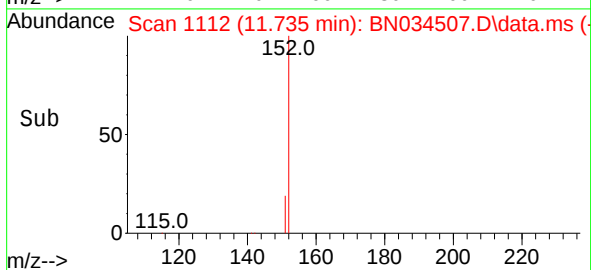
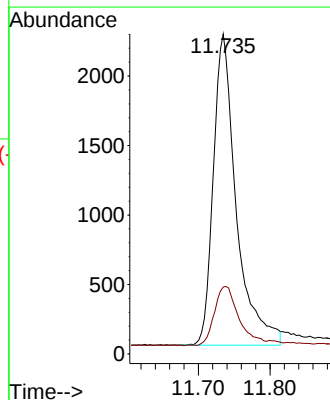
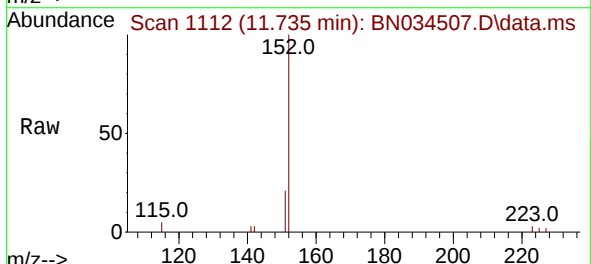
Instrument :
BNA_N
ClientSampleId :
TT101D1-20240924

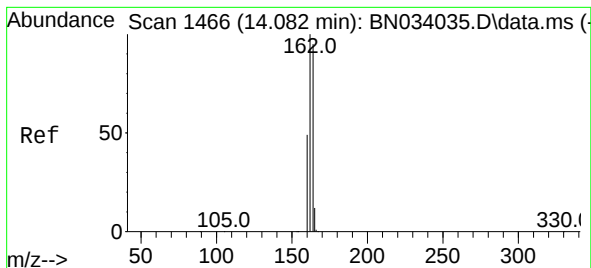
Tgt Ion: 82 Resp: 2302
Ion Ratio Lower Upper
82 100
128 50.6 31.4 47.2#
54 56.0 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 11.735 min Scan# 1112
Delta R.T. -0.019 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

Tgt Ion:152 Resp: 4972
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.026 min Scan# 14

Delta R.T. -0.021 min

Lab File: BN034507.D

Acq: 09 Oct 2024 16:49

Instrument :

BNA_N

ClientSampleId :

TT101D1-20240924

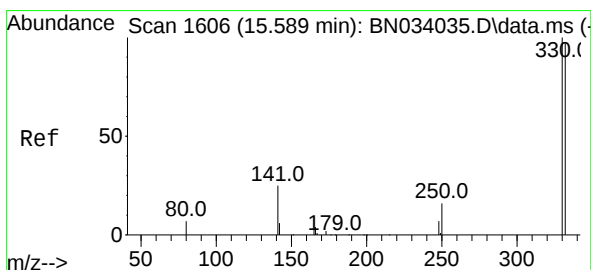
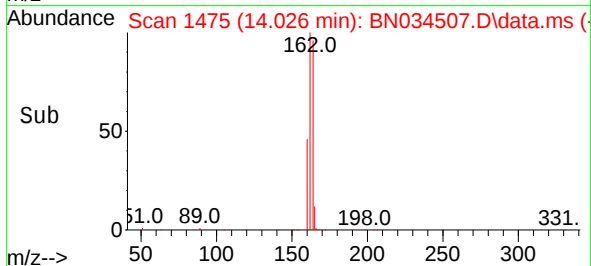
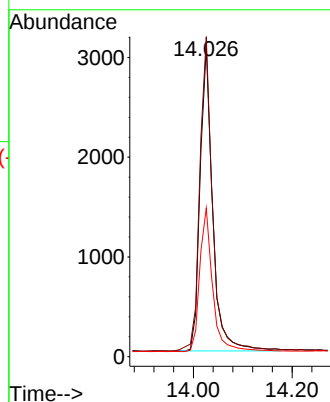
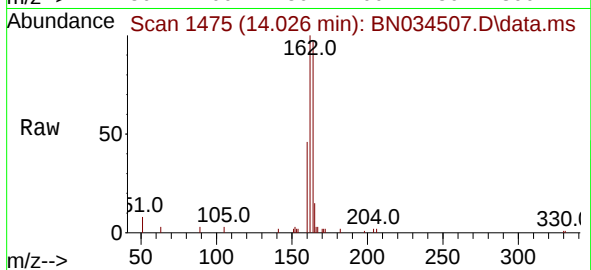
Tgt Ion:164 Resp: 5395

Ion Ratio Lower Upper

164 100

162 103.4 84.2 126.2

160 48.0 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.306 ng

RT: 15.537 min Scan# 1616

Delta R.T. -0.012 min

Lab File: BN034507.D

Acq: 09 Oct 2024 16:49

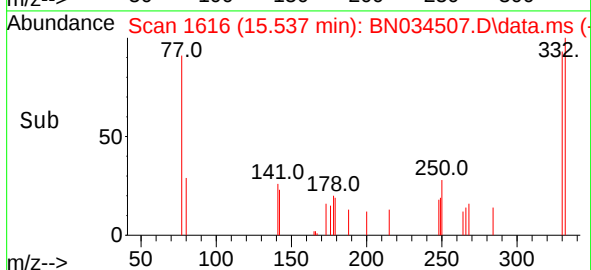
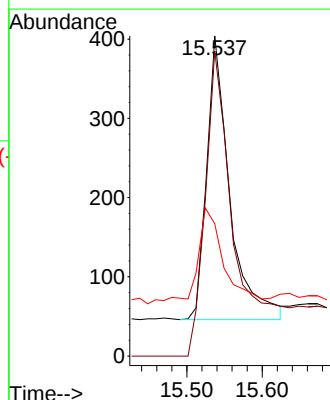
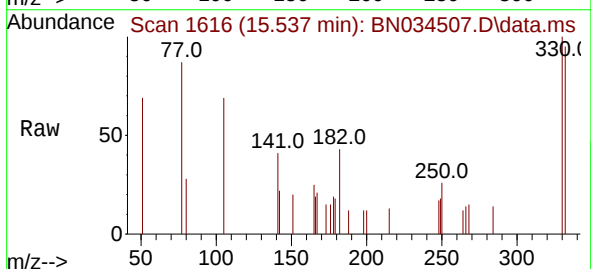
Tgt Ion:330 Resp: 747

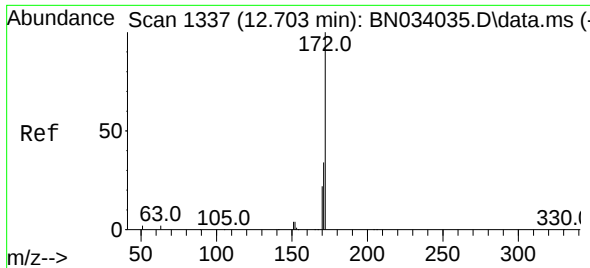
Ion Ratio Lower Upper

330 100

332 138.7 77.4 116.0#

141 37.1 35.9 53.9

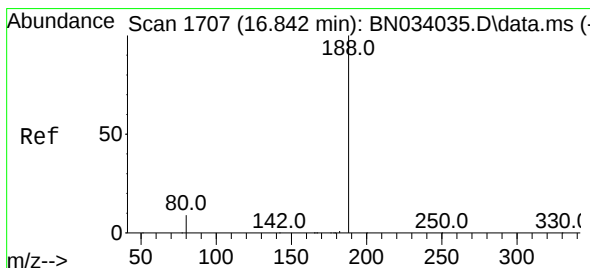
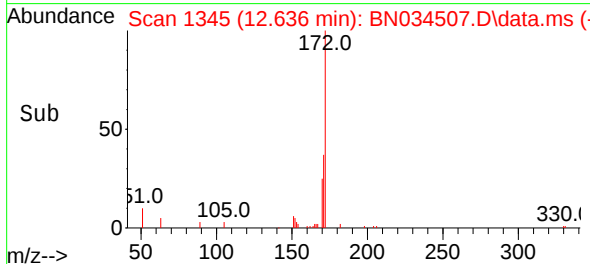
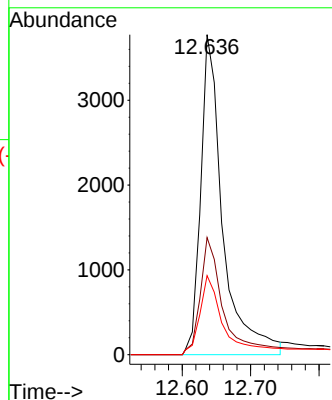
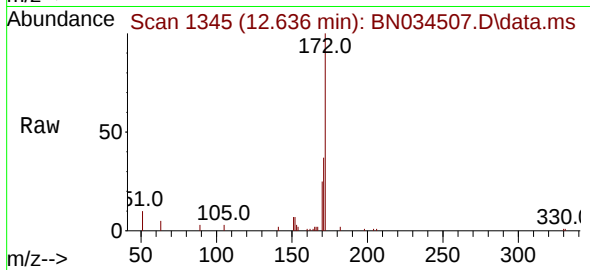




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.636 min Scan# 1345
Delta R.T. -0.021 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

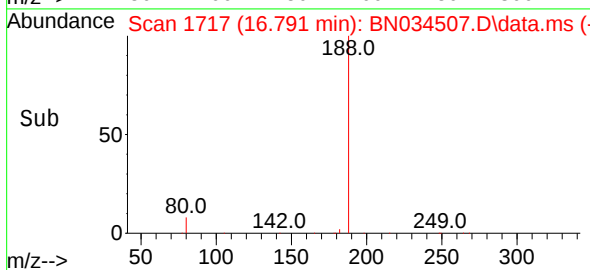
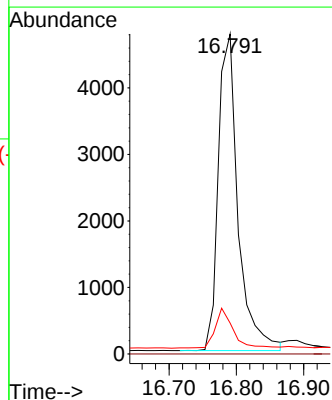
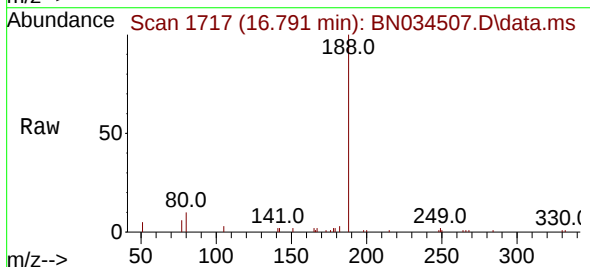
Instrument :
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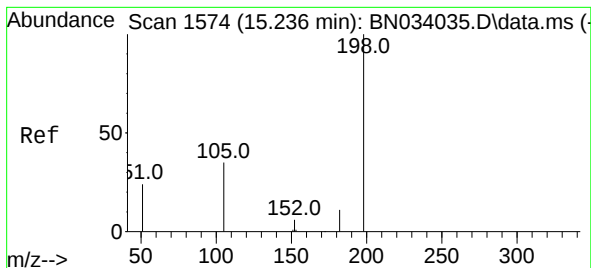
Tgt Ion:172 Resp: 7741
Ion Ratio Lower Upper
172 100
171 36.6 27.3 40.9
170 24.7 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.791 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

Tgt Ion:188 Resp: 9662
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.4 11.0

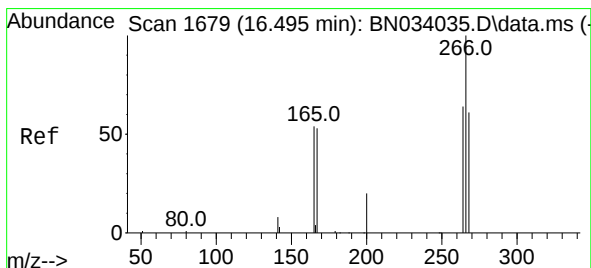
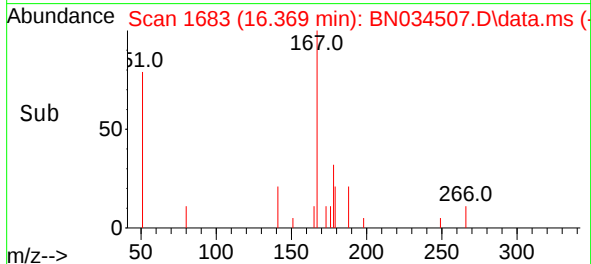
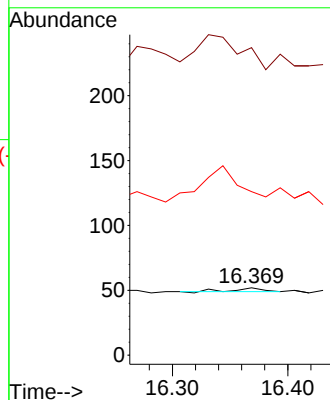
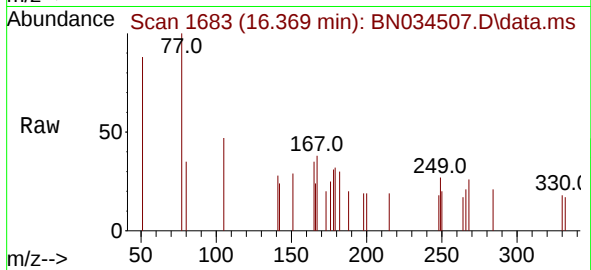




#20
4,6-Dinitro-2-methylphenol
Concen: 0.140 ng
RT: 16.369 min Scan# 1683
Delta R.T. 0.062 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

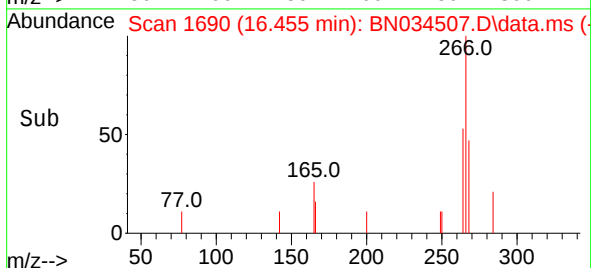
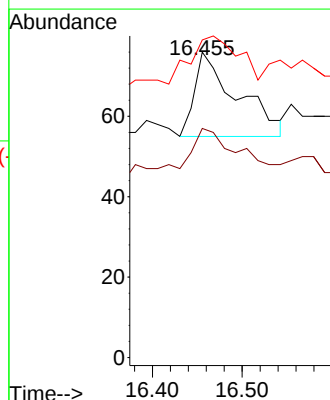
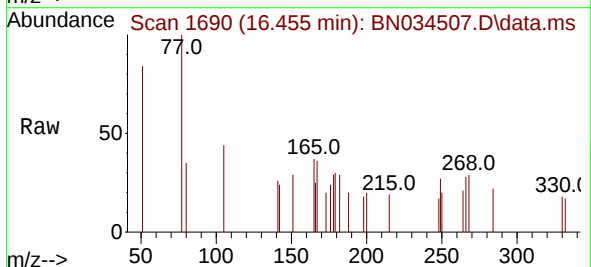
Instrument :
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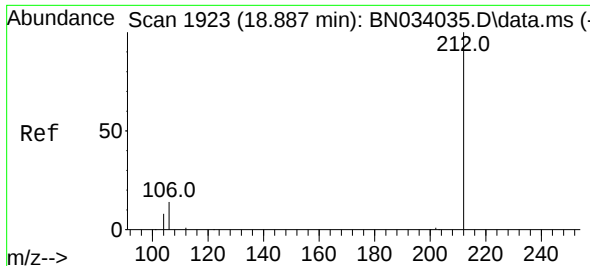
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 455.8 106.4 159.6#
105 242.3 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.034 ng
RT: 16.455 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

Tgt Ion:266 Resp: 69
Ion Ratio Lower Upper
266 100
264 44.9 50.2 75.2#
268 55.1 51.0 76.4

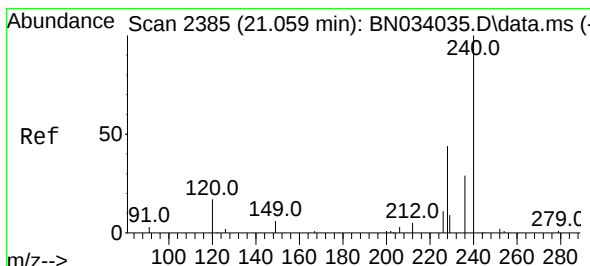
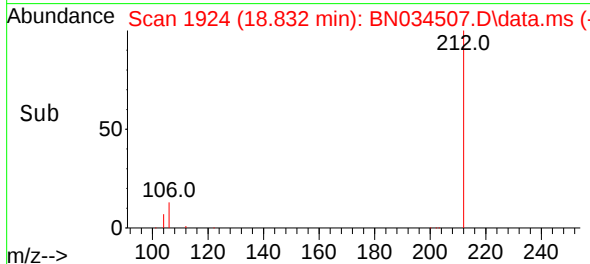
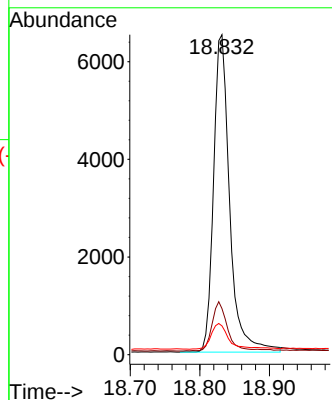
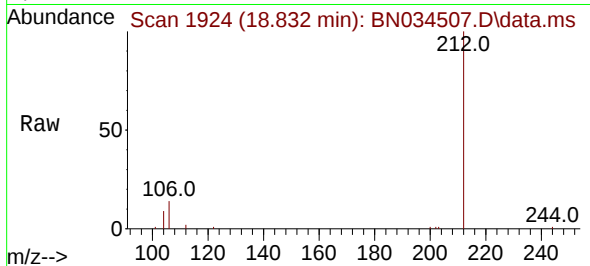




#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 18.832 min Scan# 11
Delta R.T. -0.014 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

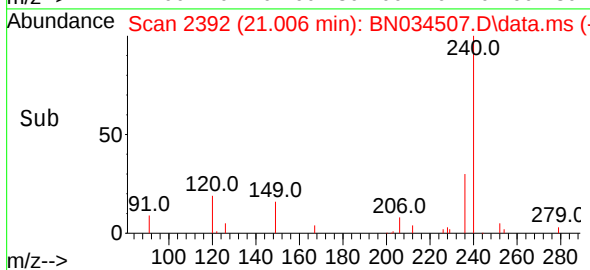
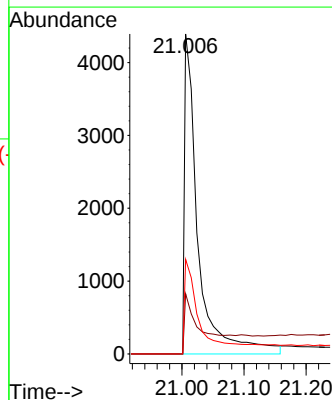
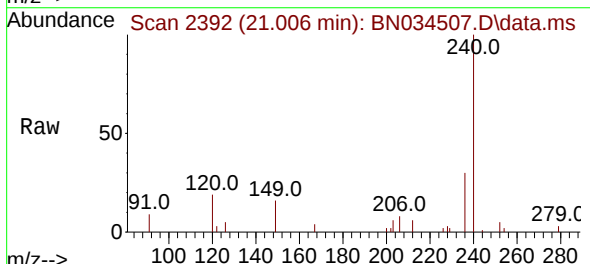
Instrument :
BNA_N
ClientSampleId :
TT101D1-20240924

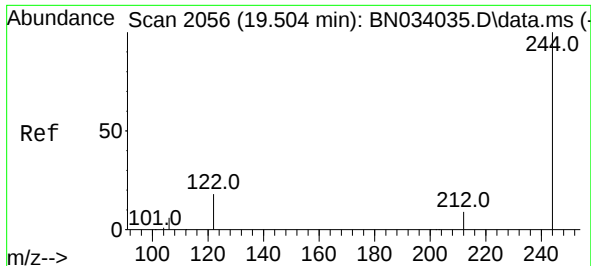
Tgt Ion:212 Resp: 10464
Ion Ratio Lower Upper
212 100
106 15.1 13.4 20.2
104 9.0 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.009 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

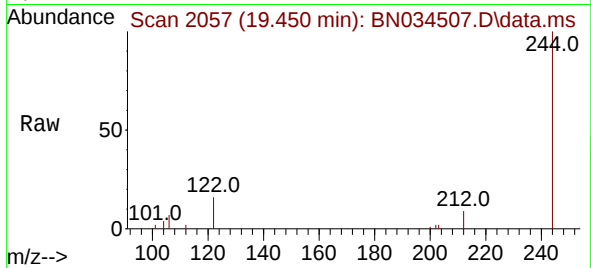
Tgt Ion:240 Resp: 6829
Ion Ratio Lower Upper
240 100
120 18.8 13.5 20.3
236 29.6 23.4 35.0



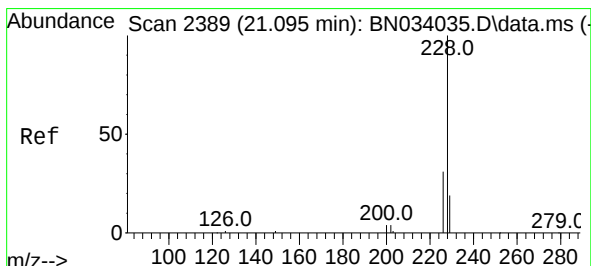
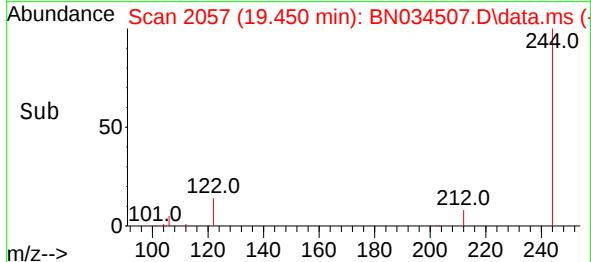
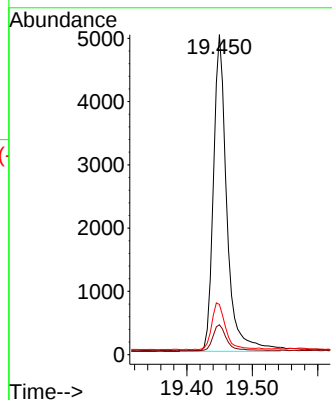


#31
Terphenyl-d14
Concen: 0.524 ng
RT: 19.450 min Scan# 2056
Delta R.T. -0.018 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

Instrument :
BNA_N
ClientSampleId :
TT101D1-20240924

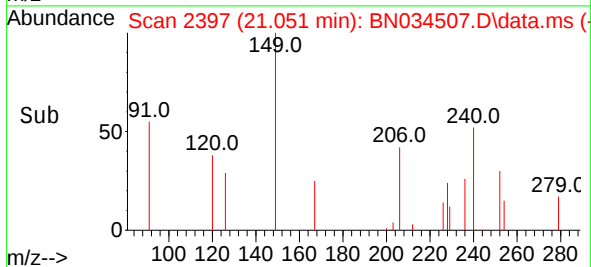
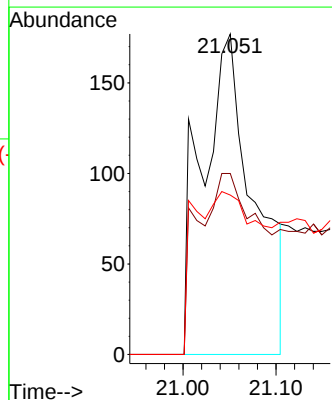
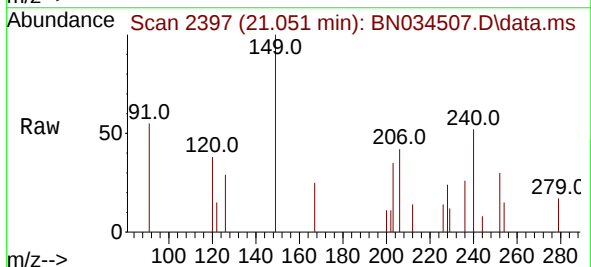


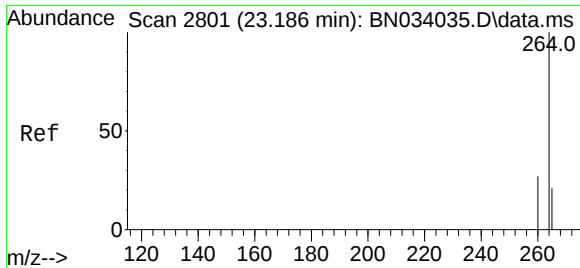
Tgt Ion:244 Resp: 7144
Ion Ratio Lower Upper
244 100
212 9.4 7.8 11.6
122 15.7 14.8 22.2



#33
Chrysene
Concen: 0.025 ng
RT: 21.051 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BN034507.D
Acq: 09 Oct 2024 16:49

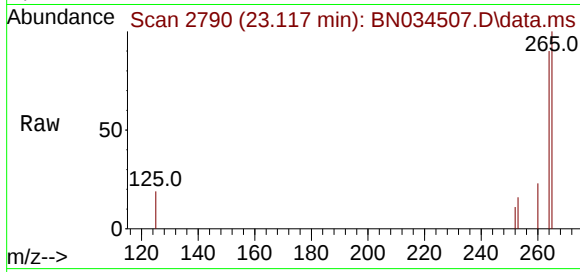
Tgt Ion:228 Resp: 648
Ion Ratio Lower Upper
228 100
226 56.5 24.6 37.0#
229 49.7 15.5 23.3#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.117 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BN034507.D
 Acq: 09 Oct 2024 16:49

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20240924



Tgt Ion:264 Resp: 7921

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.7	32.5
265	111.5	52.1	78.1#

