

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034544.D
 Acq On : 11 Oct 2024 06:15
 Operator : RC/JU
 Sample : P4282-03
 Misc :
 ALS Vial : 120 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20241002

Quant Time: Oct 11 06:42:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

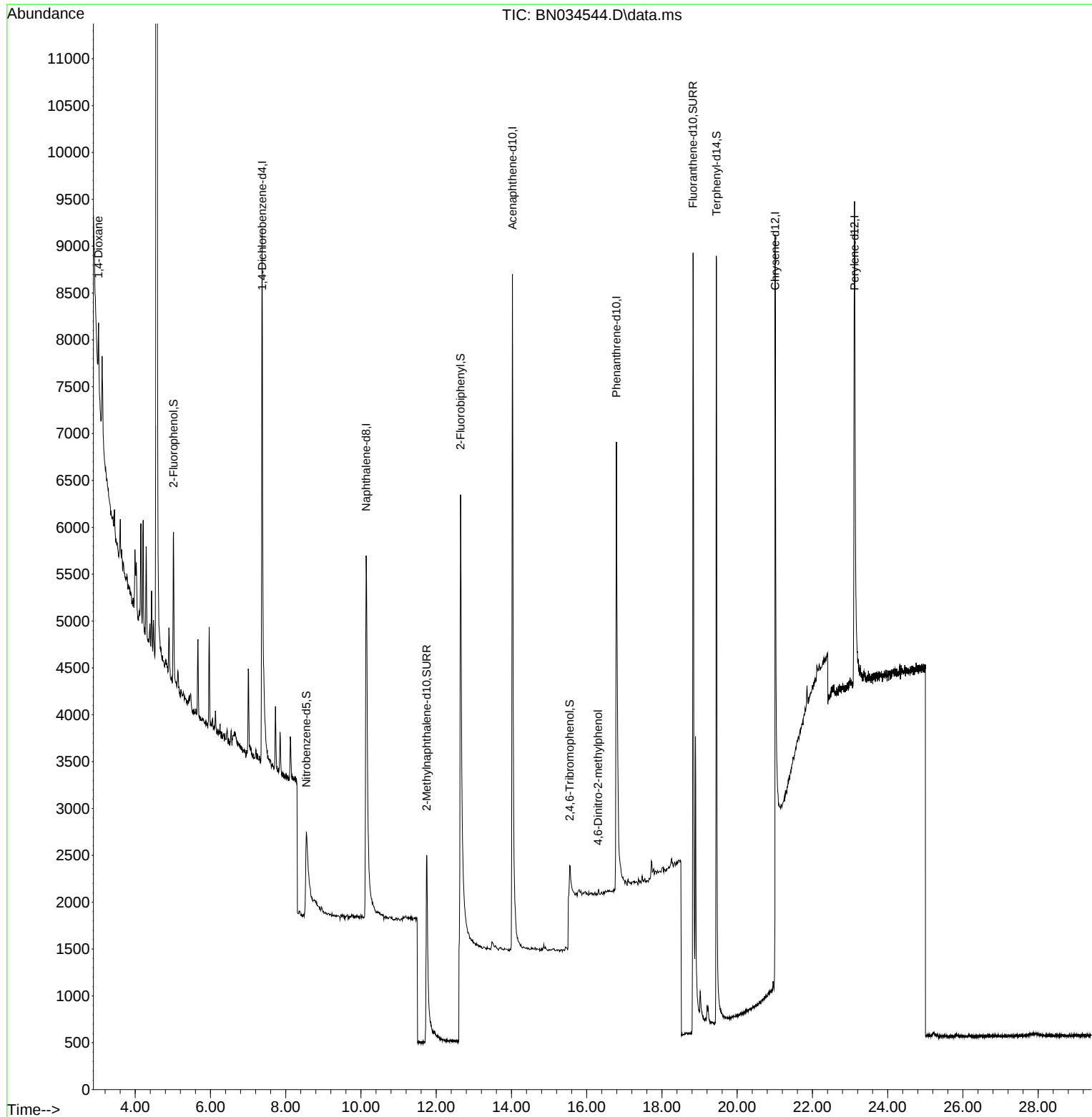
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3773	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	10742	0.400	ng	0.01
13) Acenaphthene-d10	14.026	164	6232	0.400	ng	0.01
19) Phenanthrene-d10	16.790	188	11232	0.400	ng	# 0.01
29) Chrysene-d12	21.006	240	8126	0.400	ng	0.00
35) Perylene-d12	23.119	264	9006	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1415	0.132	ng	0.00
5) Phenol-d6	0.000	99	0	0.000	ng	
8) Nitrobenzene-d5	8.546	82	1824	0.222	ng	0.03
11) 2-Methylnaphthalene-d10	11.750	152	5283	0.333	ng	0.02
14) 2,4,6-Tribromophenol	15.549	330	425	0.151	ng	0.01
15) 2-Fluorobiphenyl	12.647	172	8189	0.323	ng	0.01
27) Fluoranthene-d10	18.827	212	12336	0.435	ng	0.00
31) Terphenyl-d14	19.449	244	9683	0.597	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	451	0.096	ng	# 50
20) 4,6-Dinitro-2-methylph...	16.306	198	1	0.138	ng	# 1

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

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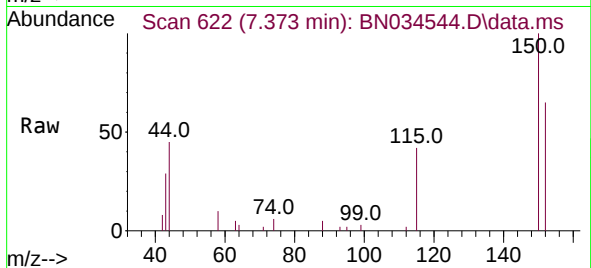
Quant Time: Oct 11 06:42:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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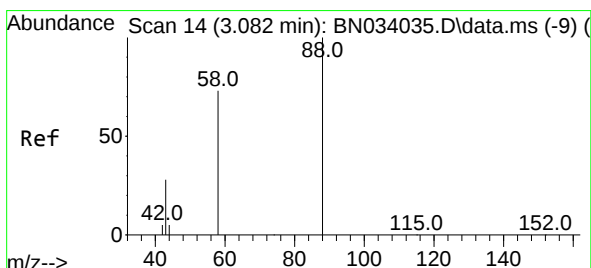
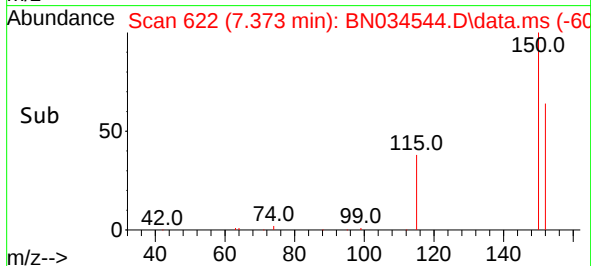
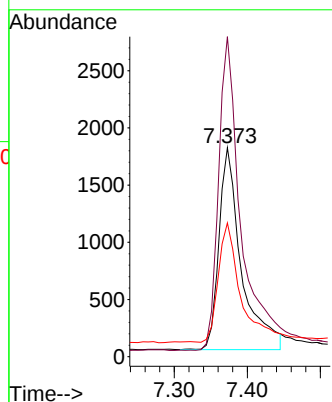


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20241002

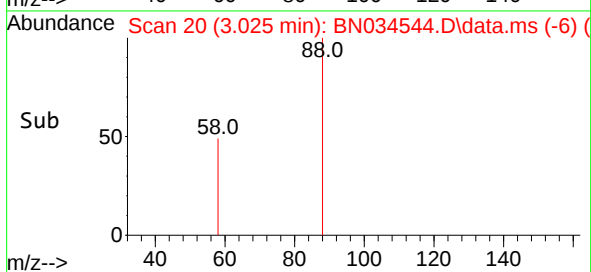
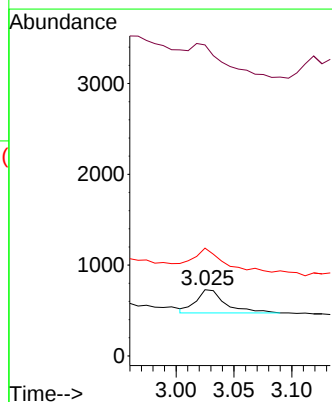
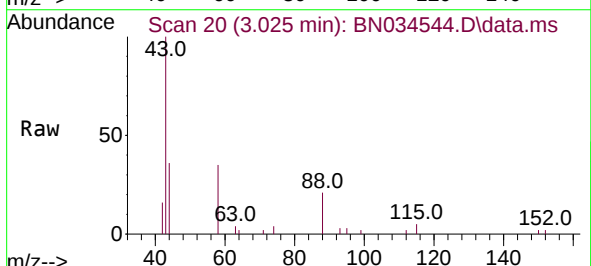


Tgt Ion:152 Resp: 3773
Ion Ratio Lower Upper
152 100
150 153.1 124.6 187.0
115 64.0 50.0 75.0



#2
1,4-Dioxane
Concen: 0.096 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

Tgt Ion: 88 Resp: 451
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 113.1 58.8 88.2#

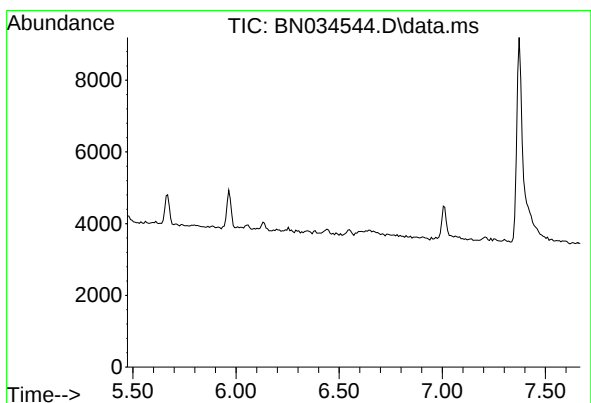
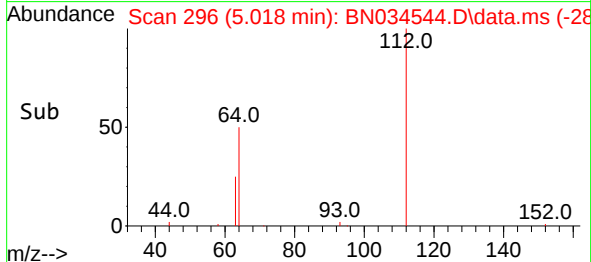
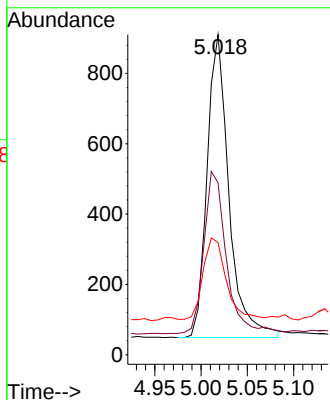
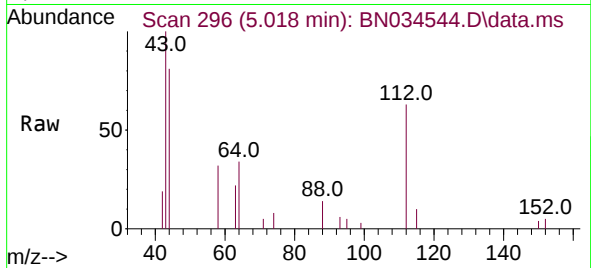




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.018 min Scan# 21
Delta R.T. 0.007 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

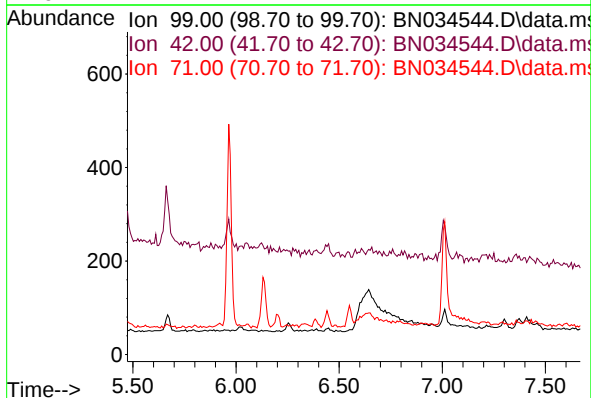
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20241002

Tgt Ion:112 Resp: 1415
Ion Ratio Lower Upper
112 100
64 54.9 48.6 72.8
63 28.3 25.6 38.4



#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.57 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

Tgt Ion: 99
Sig Exp Ratio
99 100
42 22.3
71 32.7

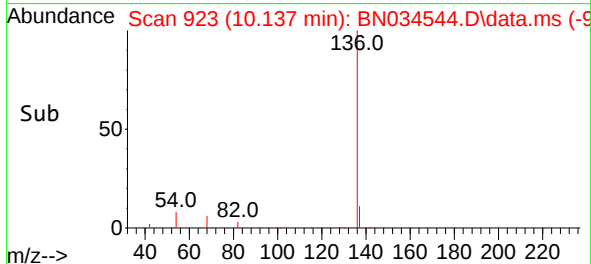
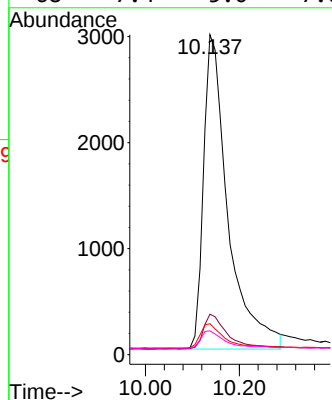
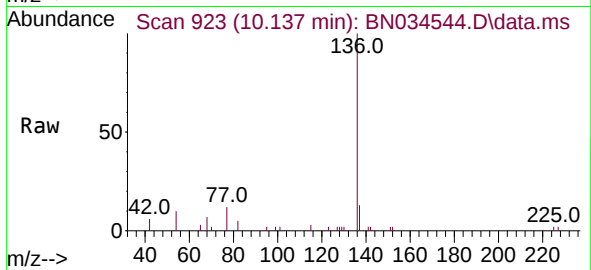




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

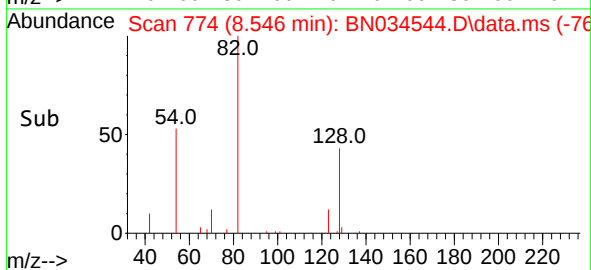
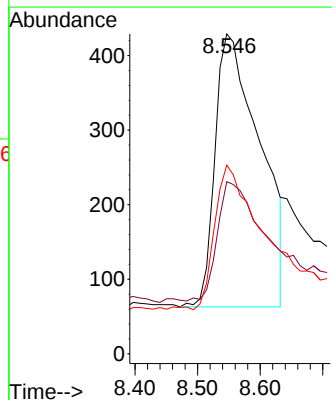
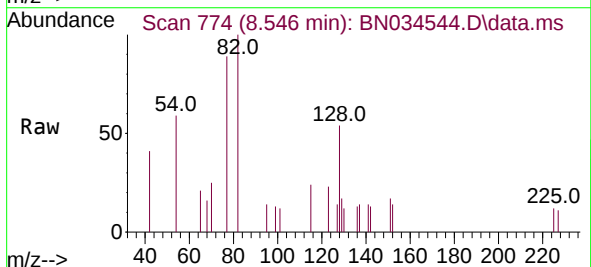
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20241002

Tgt Ion:136	Resp:	10742
Ion Ratio	Lower	Upper
136	100	
137	12.6	9.0 13.6
54	9.7	6.8 10.2
68	7.4	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.222 ng
RT: 8.546 min Scan# 774
Delta R.T. 0.032 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

Tgt Ion: 82	Resp:	1824
Ion Ratio	Lower	Upper
82	100	
128	53.8	31.4 47.2#
54	59.0	47.4 71.0

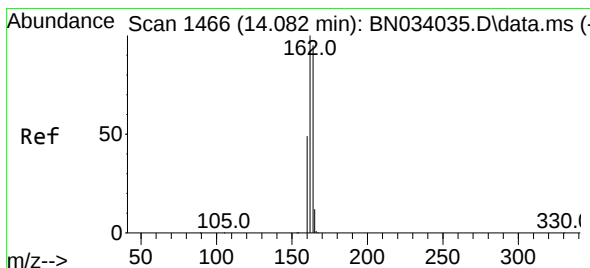
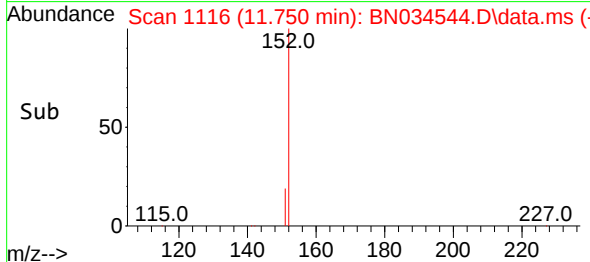
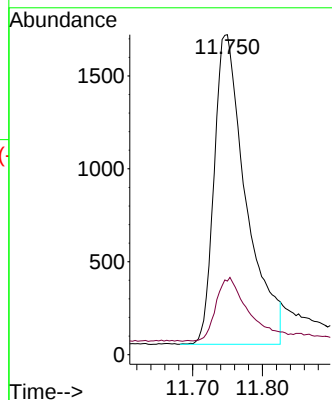
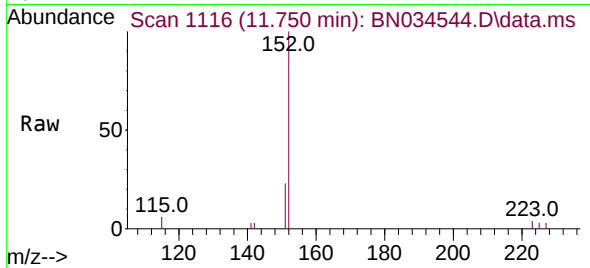




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 11.750 min Scan# 1116
Delta R.T. 0.023 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

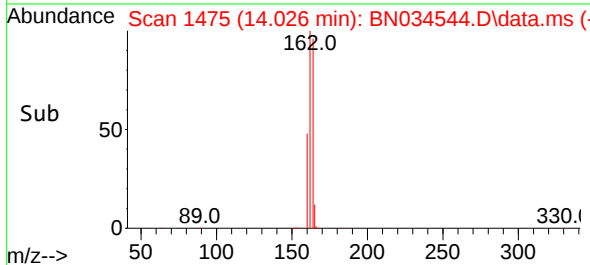
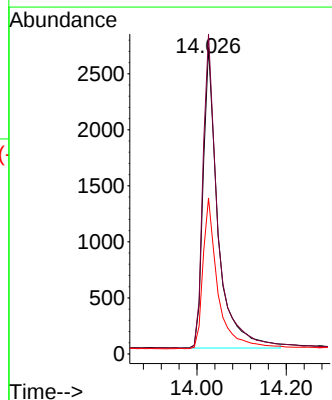
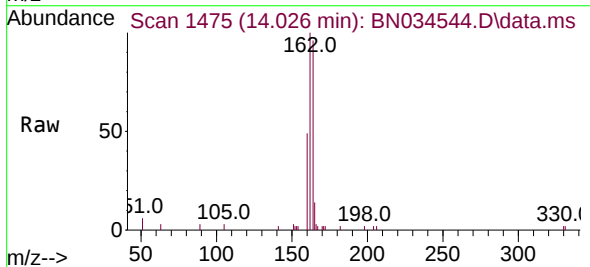
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20241002

Tgt Ion:152 Resp: 5283
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. 0.011 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

Tgt Ion:164 Resp: 6232
Ion Ratio Lower Upper
164 100
162 104.4 84.2 126.2
160 50.9 41.7 62.5

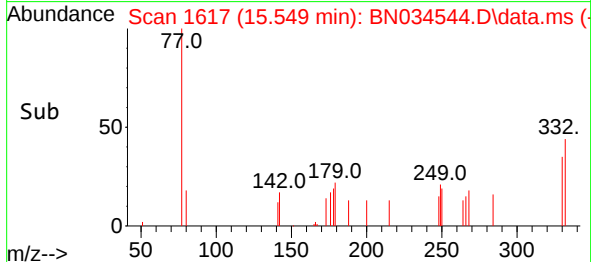
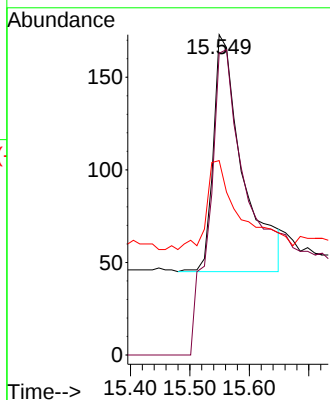
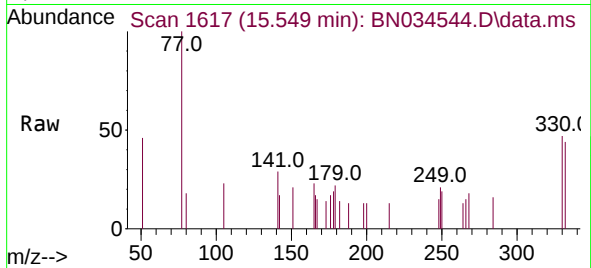




#14
2,4,6-Tribromophenol
Concen: 0.151 ng
RT: 15.549 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

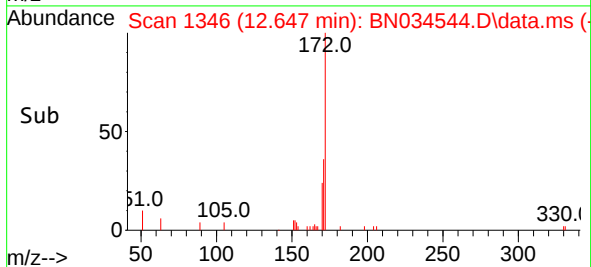
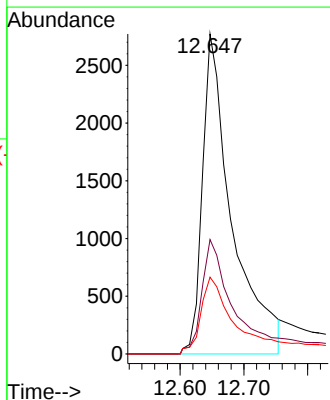
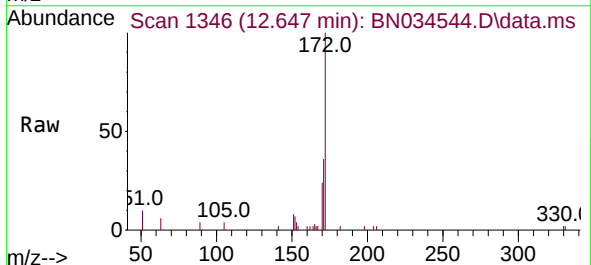
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20241002

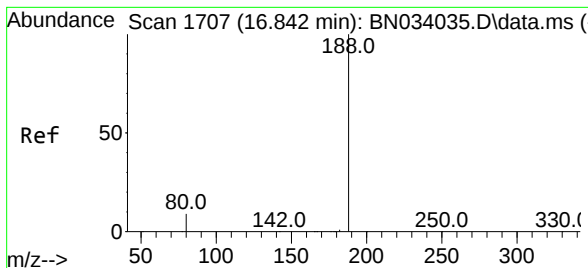
Tgt Ion:330 Resp: 425
Ion Ratio Lower Upper
330 100
332 187.5 77.4 116.0#
141 41.4 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.647 min Scan# 1346
Delta R.T. 0.011 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

Tgt Ion:172 Resp: 8189
Ion Ratio Lower Upper
172 100
171 35.8 27.3 40.9
170 24.0 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.790 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN034544.D

Acq: 11 Oct 2024 06:15

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20241002

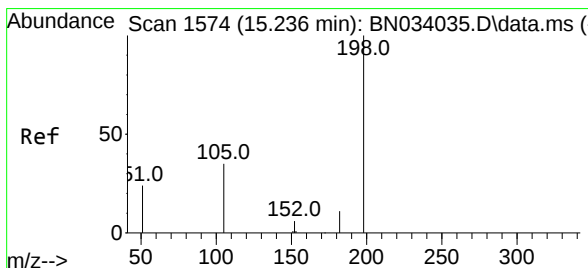
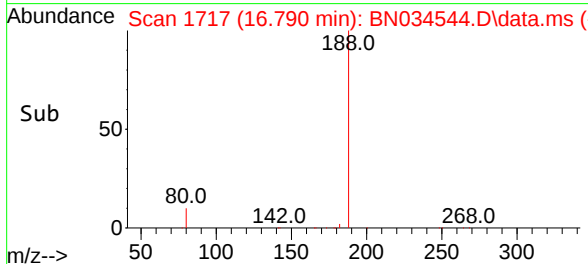
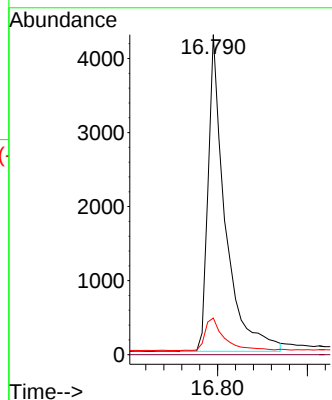
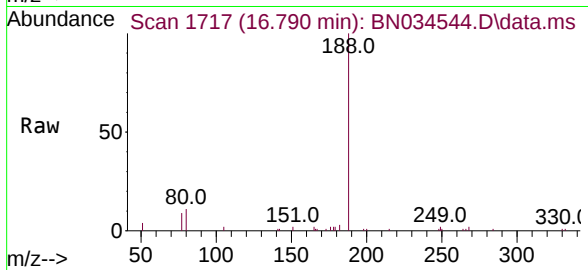
Tgt Ion:188 Resp: 11232

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 16.306 min Scan# 1678

Delta R.T. 0.025 min

Lab File: BN034544.D

Acq: 11 Oct 2024 06:15

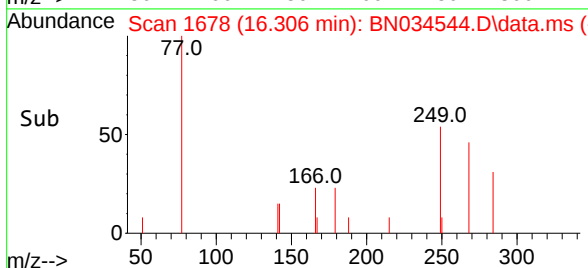
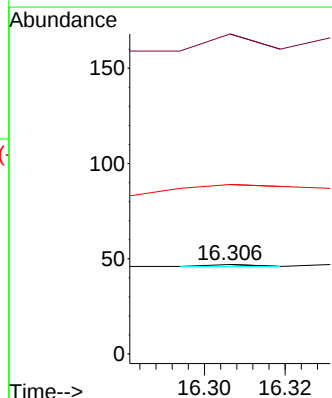
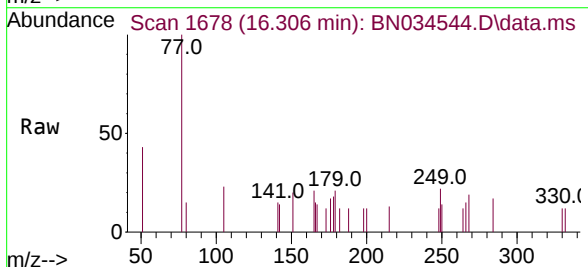
Tgt Ion:198 Resp: 1

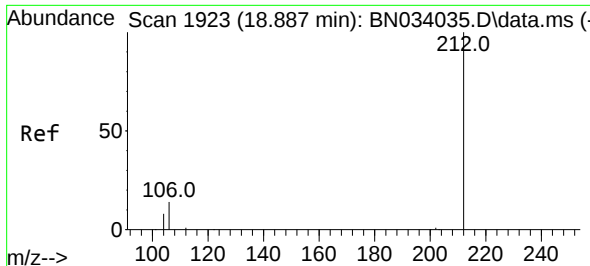
Ion Ratio Lower Upper

198 100

51 357.4 106.4 159.6#

105 189.4 38.5 57.7#

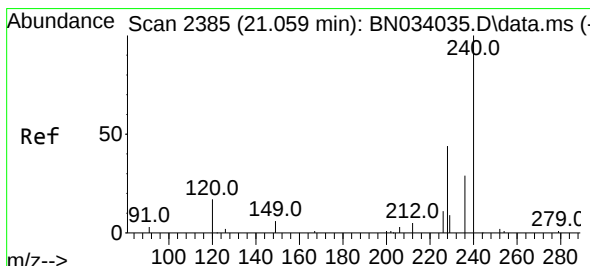
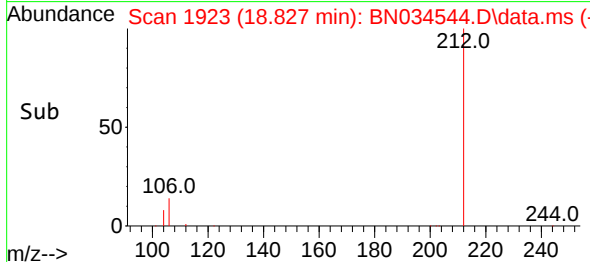
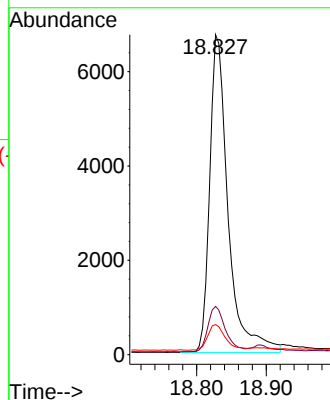
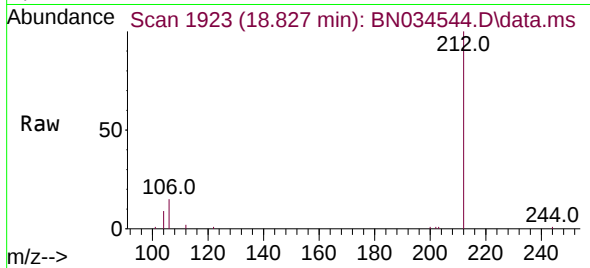




#27
Fluoranthene-d10
Concen: 0.435 ng
RT: 18.827 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

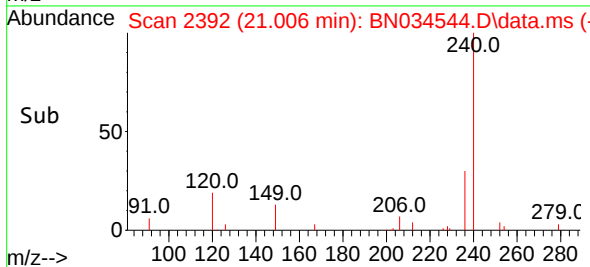
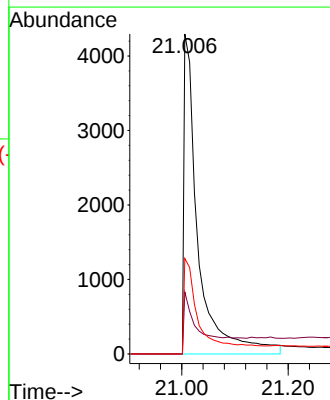
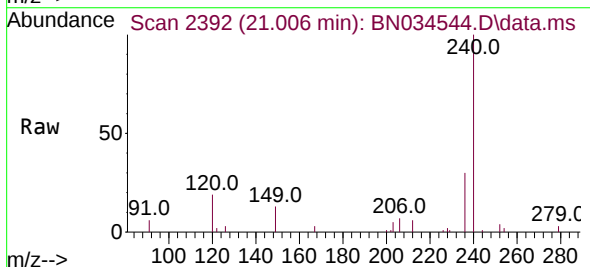
Instrument :
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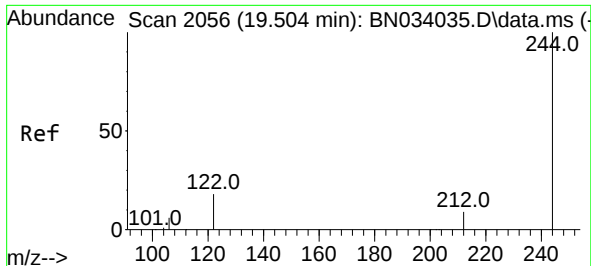
Tgt Ion	Ratio	Lower	Upper
212	100		
106	13.6	13.4	20.2
104	7.9	7.8	11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

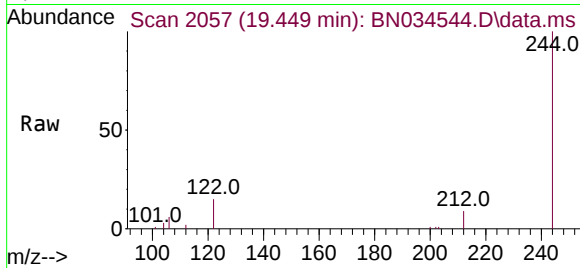
Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.4	13.5	20.3
236	29.8	23.4	35.0



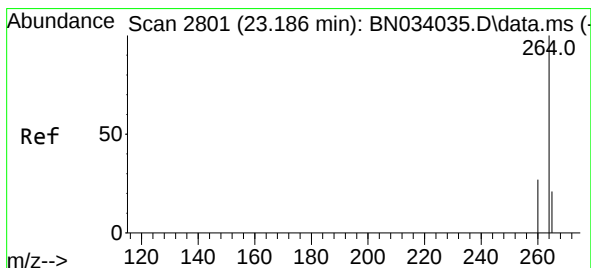
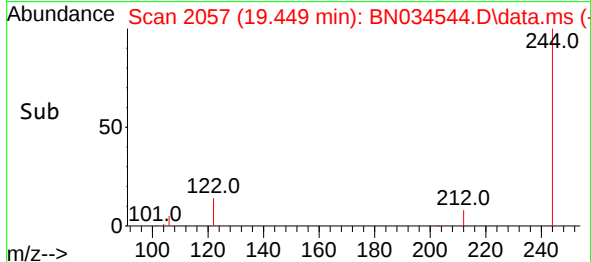
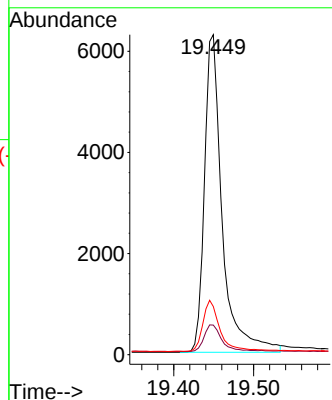


#31
Terphenyl-d14
Concen: 0.597 ng
RT: 19.449 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20241002



Tgt Ion:244 Resp: 9683
Ion Ratio Lower Upper
244 100
212 9.3 7.8 11.6
122 15.1 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.119 min Scan# 2791
Delta R.T. 0.006 min
Lab File: BN034544.D
Acq: 11 Oct 2024 06:15

Tgt Ion:264 Resp: 9006
Ion Ratio Lower Upper
264 100
260 26.3 21.7 32.5
265 96.5 52.1 78.1#

