

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034494.D
 Acq On : 09 Oct 2024 07:21
 Operator : RC/JU
 Sample : P4226-19
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP09-20240925

Quant Time: Oct 09 07:45:13 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)

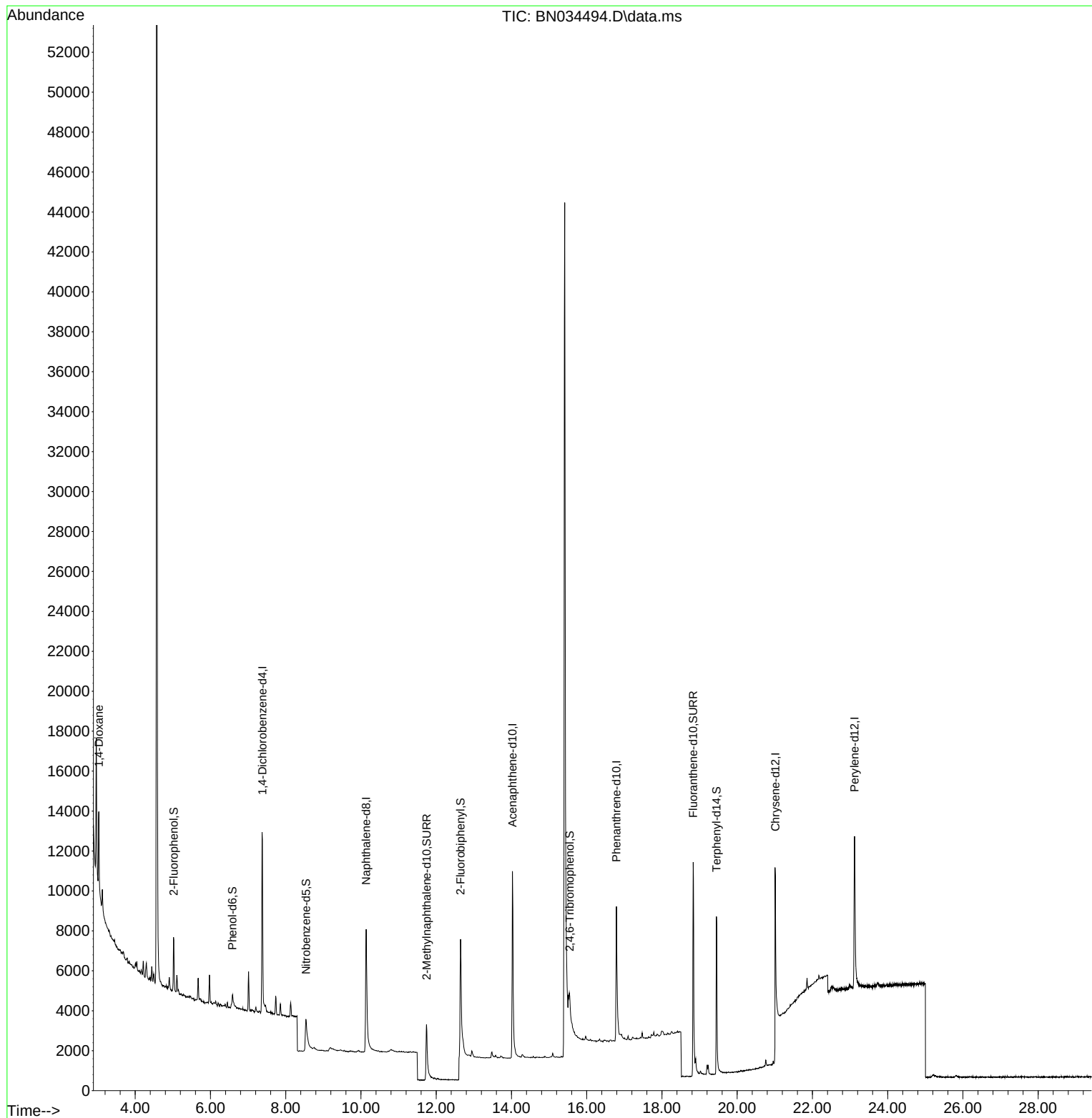
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	4855	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	12777	0.400	ng	-0.01
13) Acenaphthene-d10	14.026	164	7161	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	12943	0.400	ng	-0.01
29) Chrysene-d12	21.015	240	9421	0.400	ng	0.00
35) Perylene-d12	23.119	264	11589	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	2269	0.165	ng	0.00
5) Phenol-d6	6.585	99	1038	0.065	ng	-0.01
8) Nitrobenzene-d5	8.536	82	2748	0.281	ng	0.00
11) 2-Methylnaphthalene-d10	11.742	152	6205	0.329	ng	-0.01
14) 2,4,6-Tribromophenol	15.549	330	998	0.308	ng	0.00
15) 2-Fluorobiphenyl	12.647	172	8742	0.300	ng	-0.01
27) Fluoranthene-d10	18.832	212	14284	0.437	ng	-0.01
31) Terphenyl-d14	19.449	244	9706	0.516	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.032	88	2817	0.464	ng	Qvalue # 75

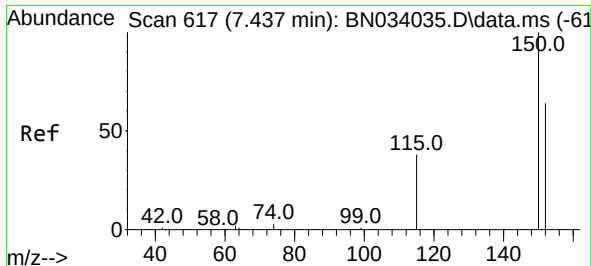
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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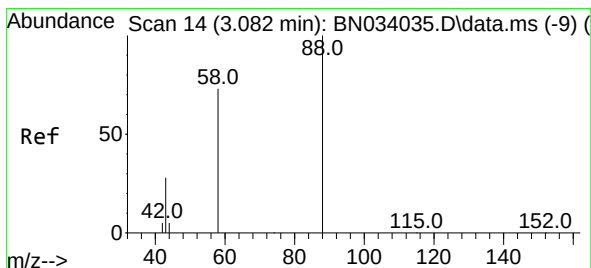
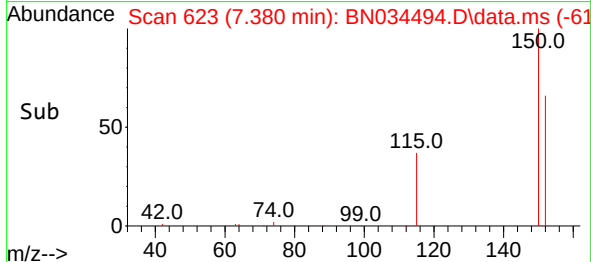
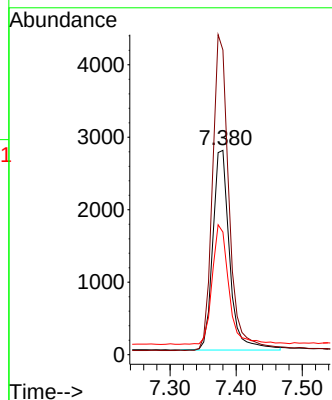
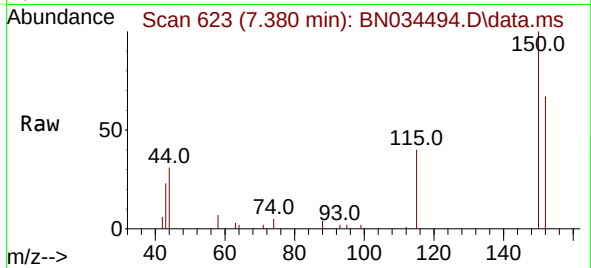




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

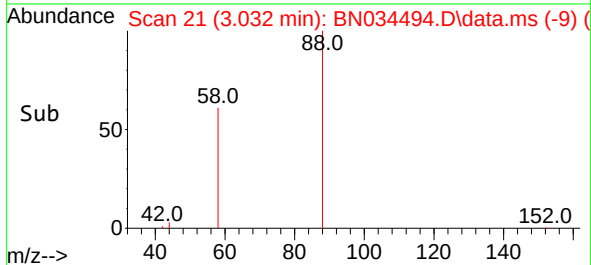
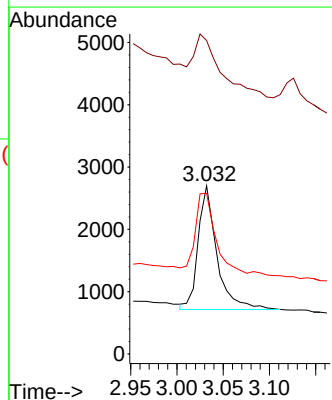
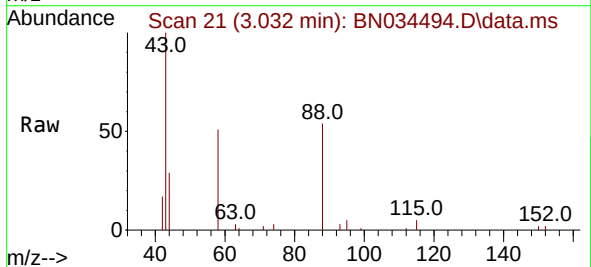
Instrument :
BNA_N
ClientSampleId :
DUP09-20240925

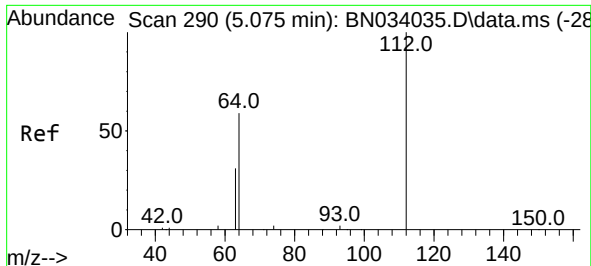
Tgt Ion:152 Resp: 4855
Ion Ratio Lower Upper
152 100
150 149.1 124.6 187.0
115 60.0 50.0 75.0



#2
1,4-Dioxane
Concen: 0.464 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

Tgt Ion: 88 Resp: 2817
Ion Ratio Lower Upper
88 100
43 74.0 25.8 38.8#
58 76.1 58.8 88.2

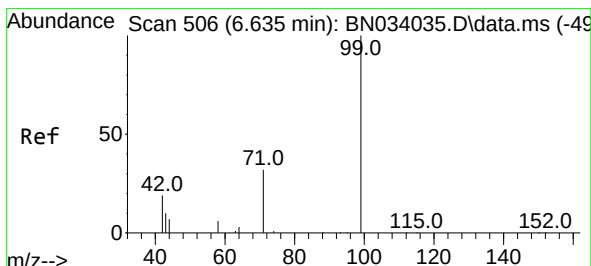
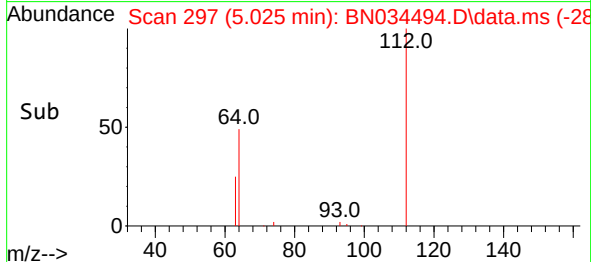
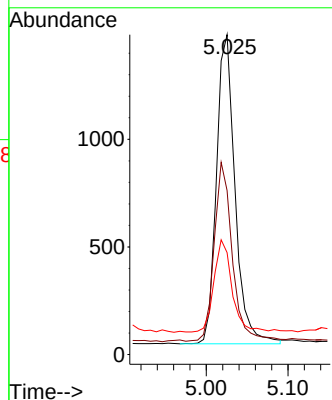
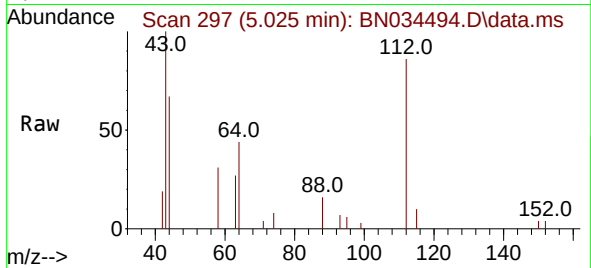




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.025 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

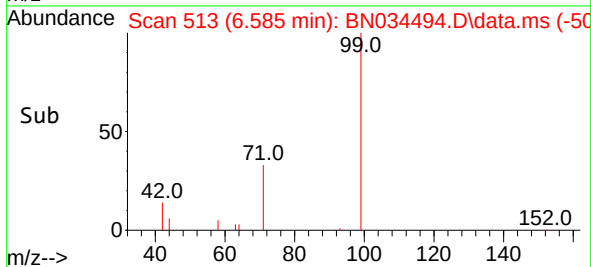
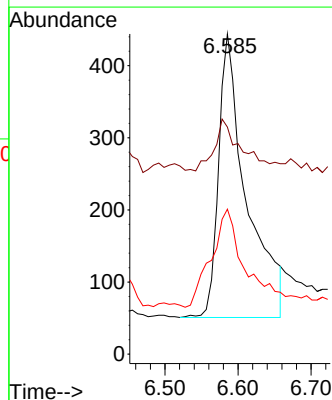
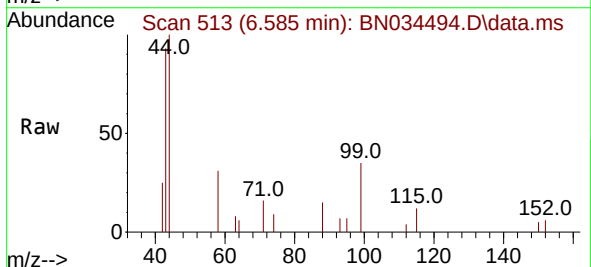
Instrument :
BNA_N
ClientSampleId :
DUP09-20240925

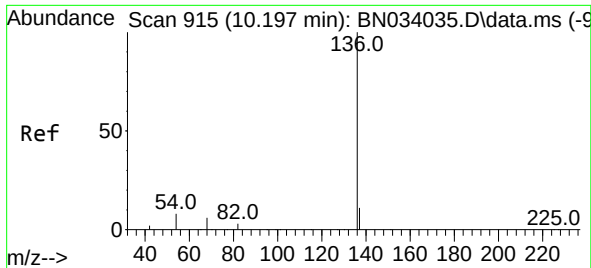
Tgt Ion:112 Resp: 2269
Ion Ratio Lower Upper
112 100
64 56.4 48.6 72.8
63 28.8 25.6 38.4



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

Tgt Ion: 99 Resp: 1038
Ion Ratio Lower Upper
99 100
42 17.3 17.8 26.8#
71 42.0 26.2 39.2#

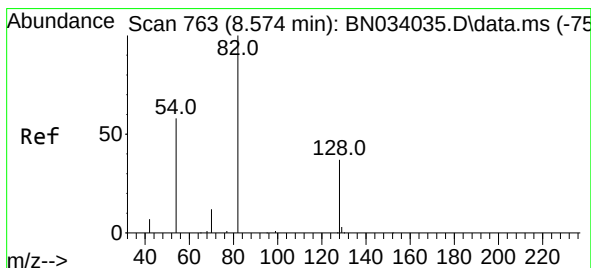
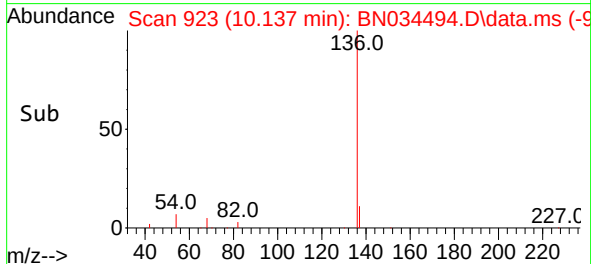
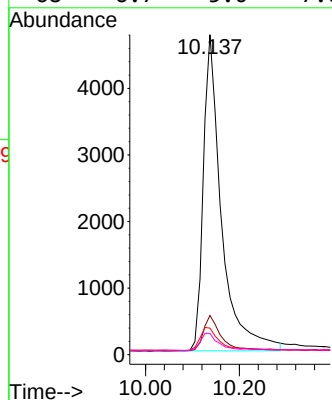
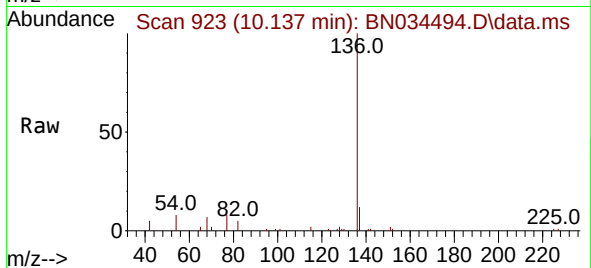




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

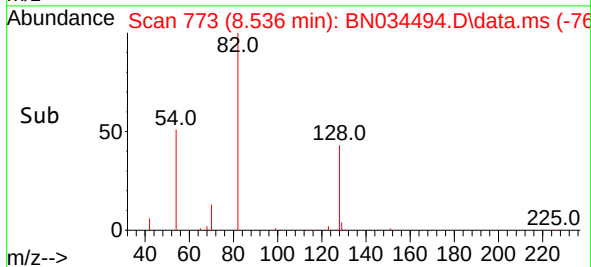
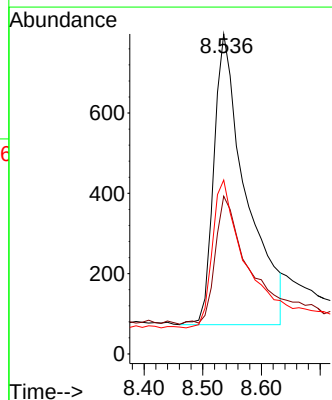
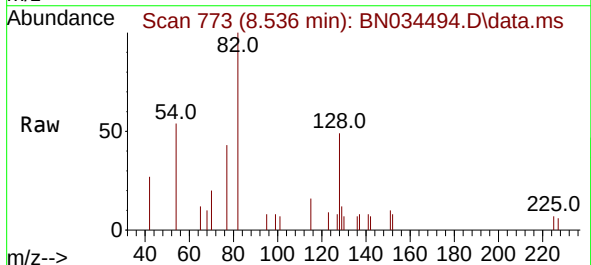
Instrument :
BNA_N
ClientSampleId :
DUP09-20240925

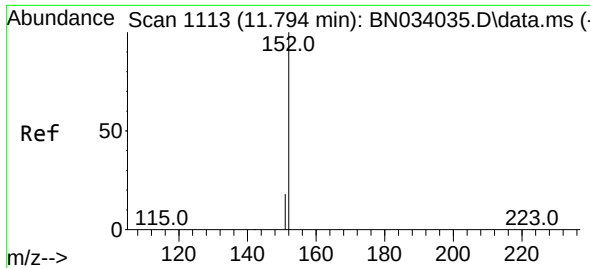
Tgt Ion:	136	Resp:	12777
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.0	13.6
54	8.3	6.8	10.2
68	6.7	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.536 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

Tgt Ion:	82	Resp:	2748
Ion	Ratio	Lower	Upper
82	100		
128	49.3	31.4	47.2#
54	54.3	47.4	71.0

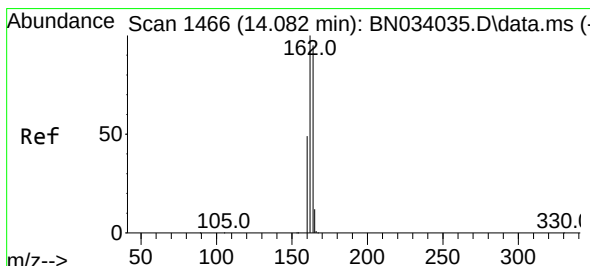
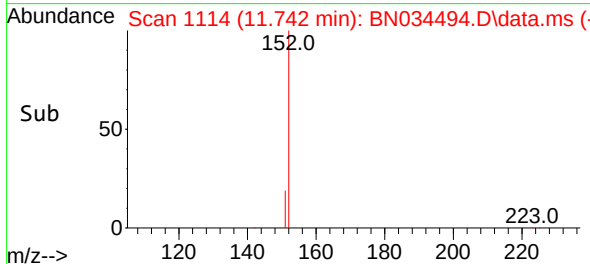
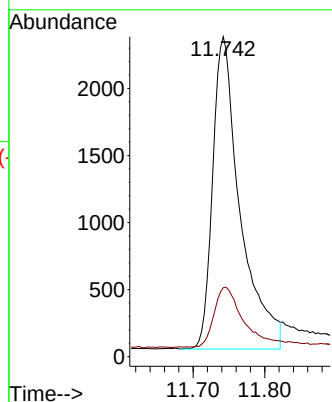
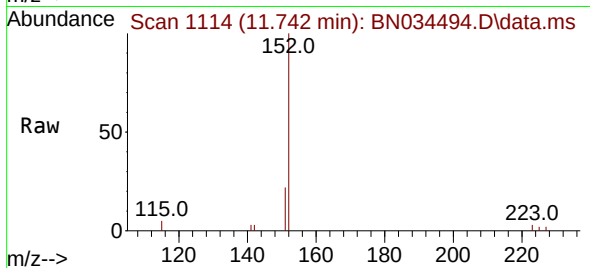




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 11.742 min Scan# 1114
Delta R.T. -0.011 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

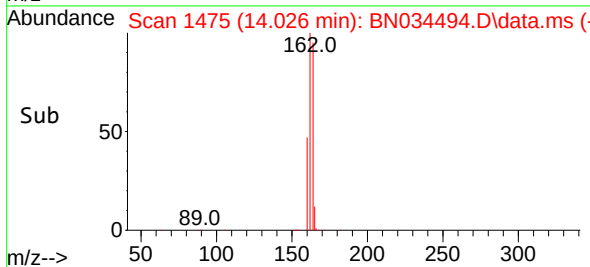
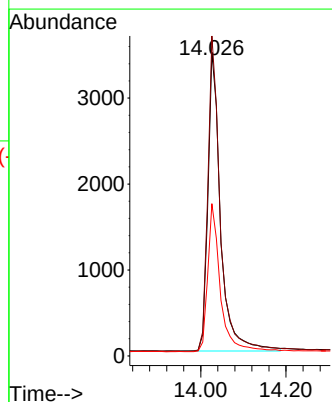
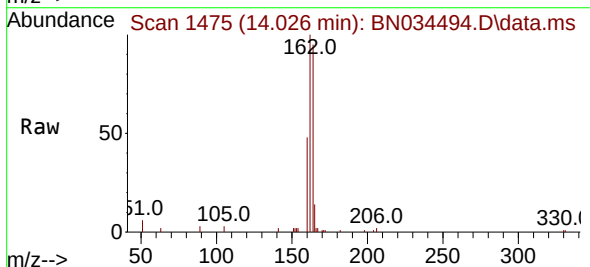
Instrument :
BNA_N
ClientSampleId :
DUP09-20240925

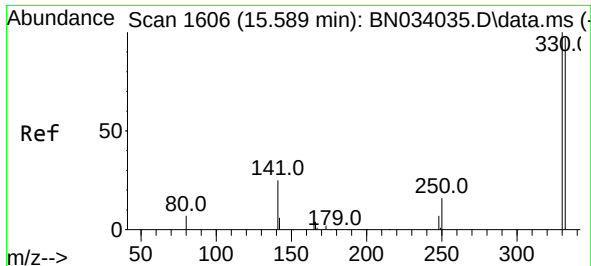
Tgt Ion:152 Resp: 6205
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 1475
Delta R.T. -0.021 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

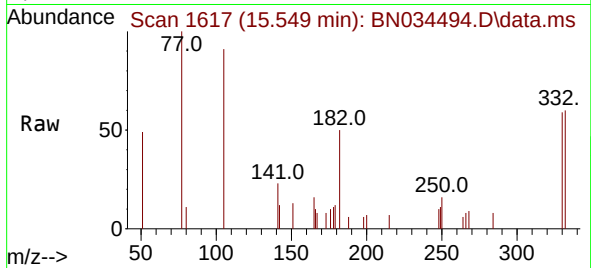
Tgt Ion:164 Resp: 7161
Ion Ratio Lower Upper
164 100
162 105.3 84.2 126.2
160 50.1 41.7 62.5



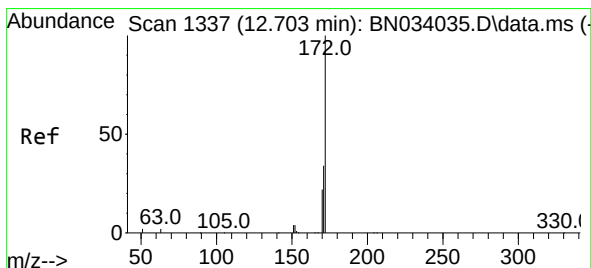
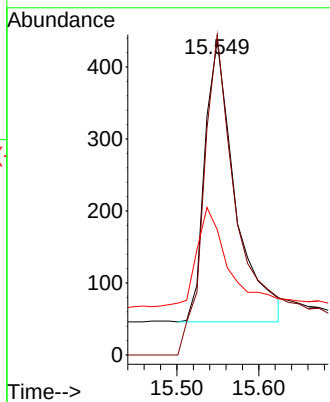
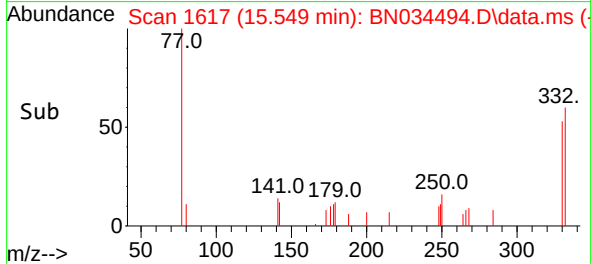


#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.549 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

Instrument :
BNA_N
ClientSampleId :
DUP09-20240925

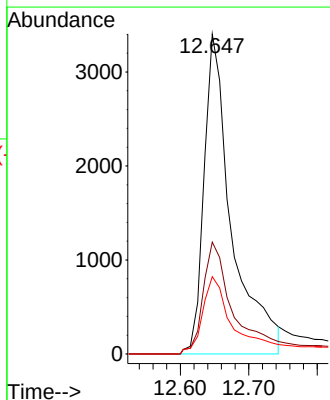
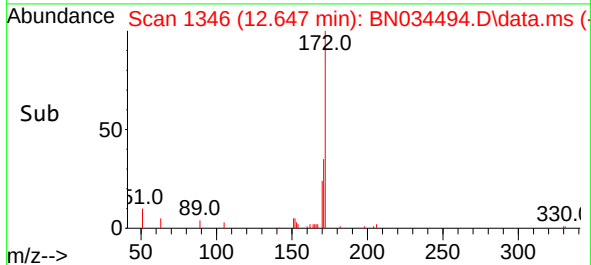
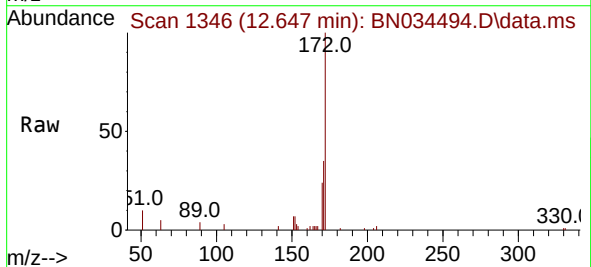


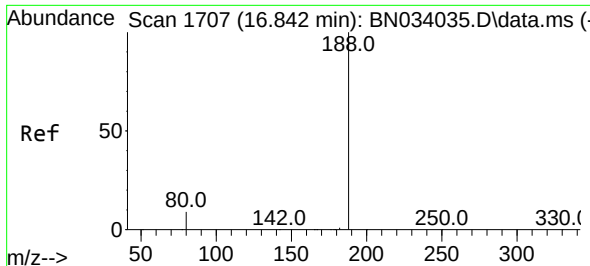
Tgt Ion:330 Resp: 998
Ion Ratio Lower Upper
330 100
332 129.6 77.4 116.0#
141 35.2 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.647 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

Tgt Ion:172 Resp: 8742
Ion Ratio Lower Upper
172 100
171 34.9 27.3 40.9
170 24.1 18.1 27.1

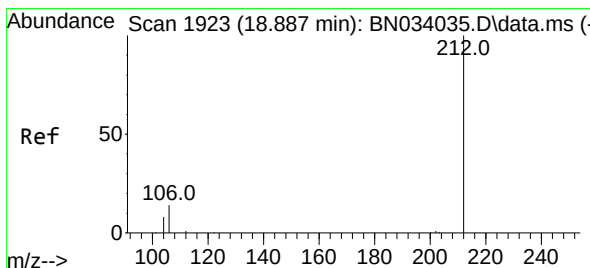
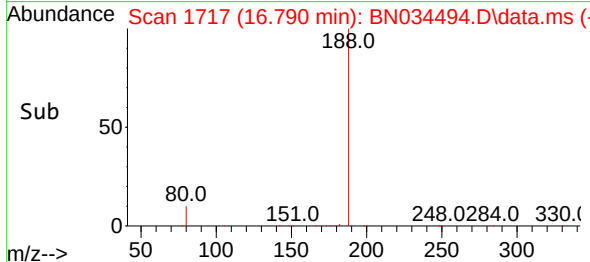
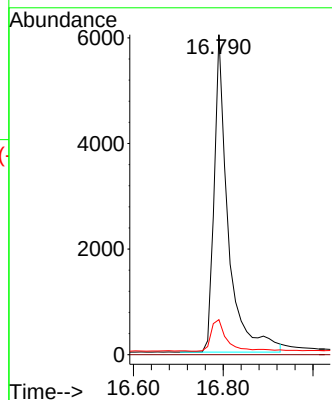
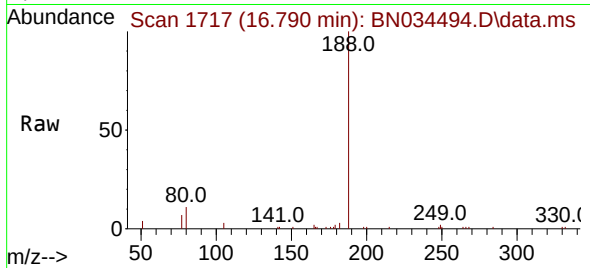




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

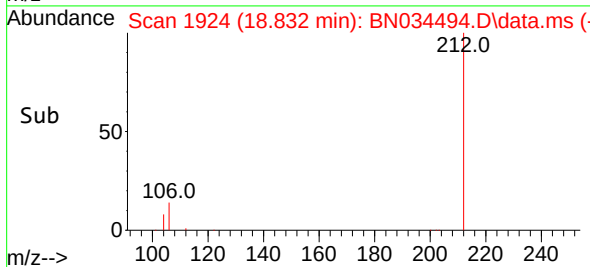
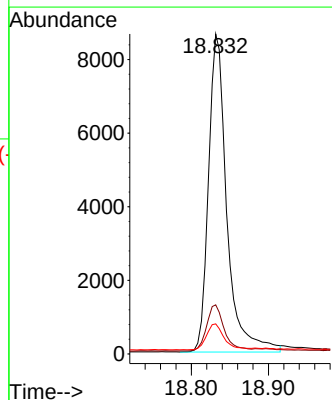
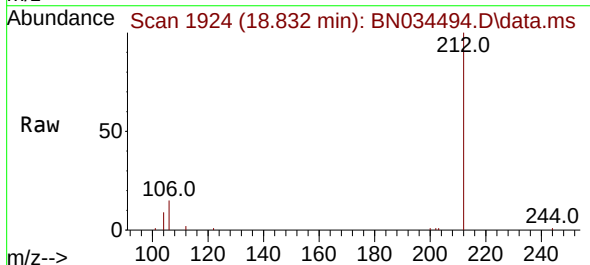
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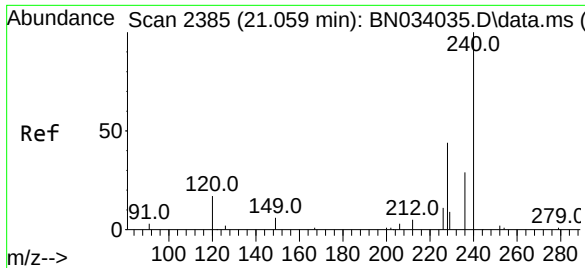
Tgt Ion:188 Resp: 12943
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 18.832 min Scan# 1924
Delta R.T. -0.014 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

Tgt Ion:212 Resp: 14284
Ion Ratio Lower Upper
212 100
106 14.0 13.4 20.2
104 7.9 7.8 11.6

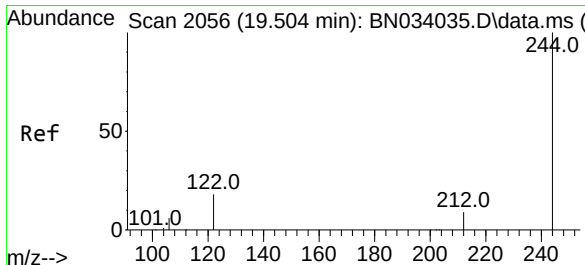
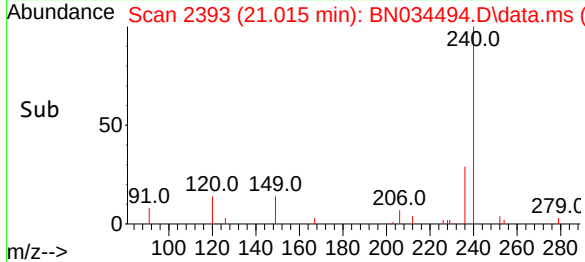
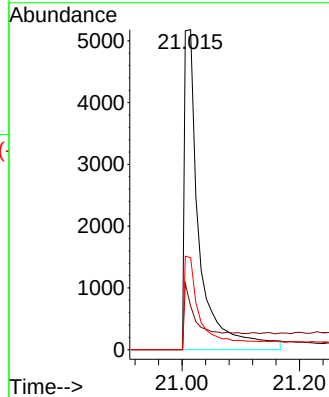
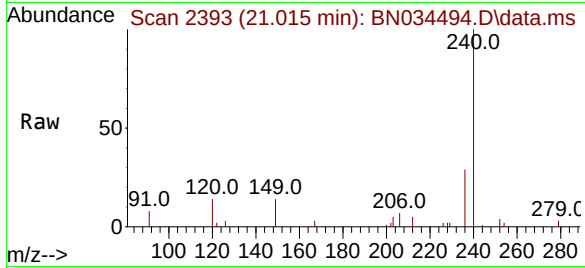




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

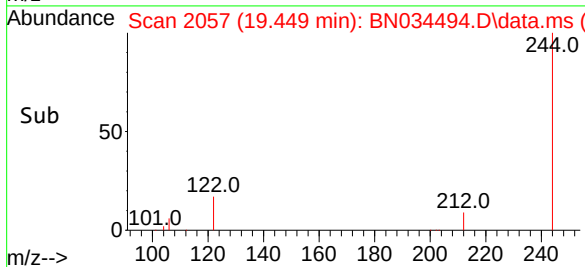
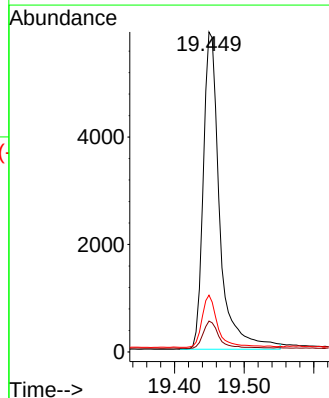
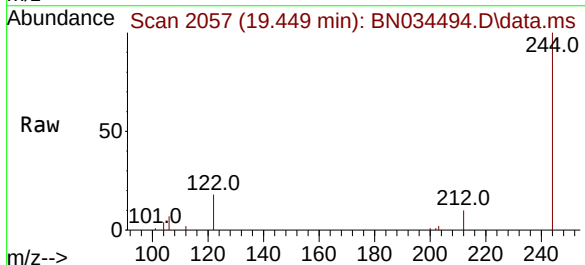
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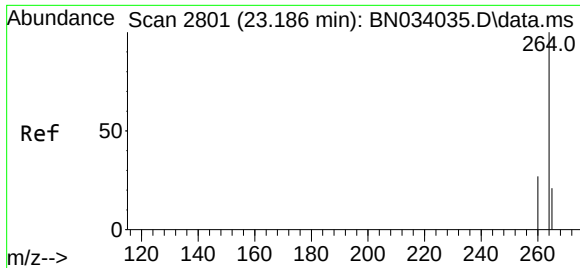
Tgt Ion:240 Resp: 9421
Ion Ratio Lower Upper
240 100
120 13.7 13.5 20.3
236 28.8 23.4 35.0



#31
Terphenyl-d14
Concen: 0.516 ng
RT: 19.449 min Scan# 2057
Delta R.T. -0.019 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

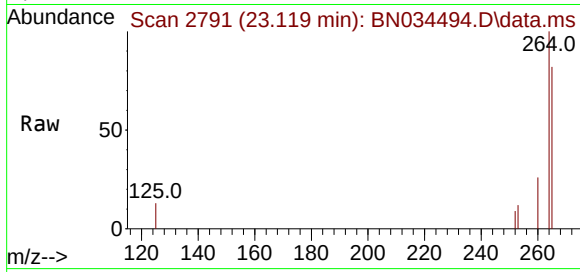
Tgt Ion:244 Resp: 9706
Ion Ratio Lower Upper
244 100
212 9.7 7.8 11.6
122 17.8 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.119 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN034494.D
Acq: 09 Oct 2024 07:21

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:264 Resp: 11589
Ion Ratio Lower Upper
264 100
260 26.2 21.7 32.5
265 81.9 52.1 78.1#

