

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034484.D
 Acq On : 09 Oct 2024 01:20
 Operator : RC/JU
 Sample : P4226-09
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20240924

Quant Time: Oct 09 01:44:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

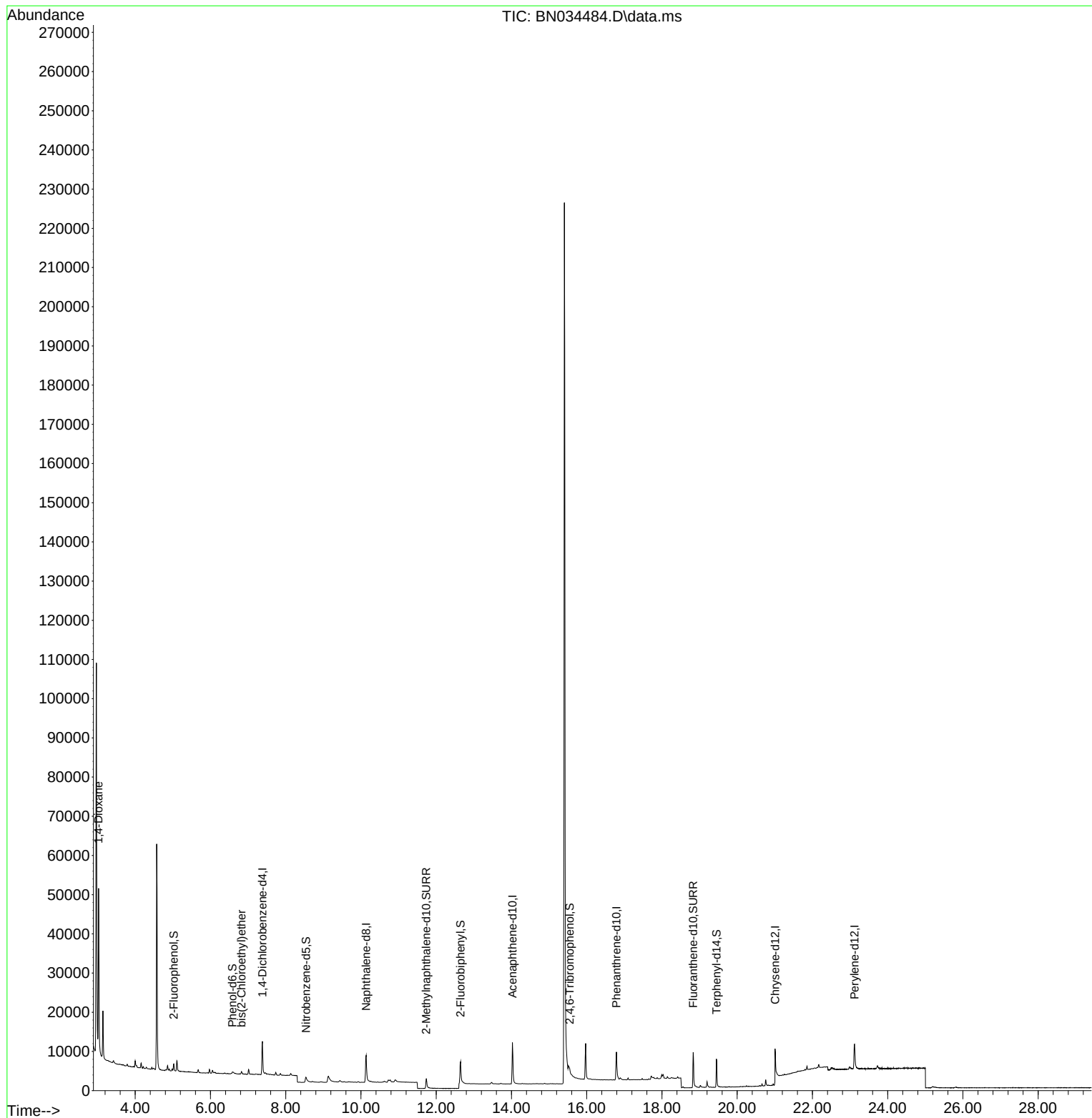
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	4467	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	12487	0.400	ng	-0.01
13) Acenaphthene-d10	14.026	164	7076	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	12271	0.400	ng	-0.01
29) Chrysene-d12	21.006	240	8090	0.400	ng	0.00
35) Perylene-d12	23.116	264	9497	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	1563	0.123	ng	0.00
5) Phenol-d6	6.585	99	751	0.051	ng	-0.01
8) Nitrobenzene-d5	8.536	82	2041	0.214	ng	0.00
11) 2-Methylnaphthalene-d10	11.734	152	4690	0.254	ng	-0.02
14) 2,4,6-Tribromophenol	15.549	330	852	0.266	ng	0.00
15) 2-Fluorobiphenyl	12.647	172	6847	0.238	ng	-0.01
27) Fluoranthene-d10	18.832	212	11306	0.365	ng	-0.01
31) Terphenyl-d14	19.449	244	7938	0.491	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.025	88	24613	4.407	ng	100
6) bis(2-Chloroethyl)ether	6.824	93	450	0.034	ng	91

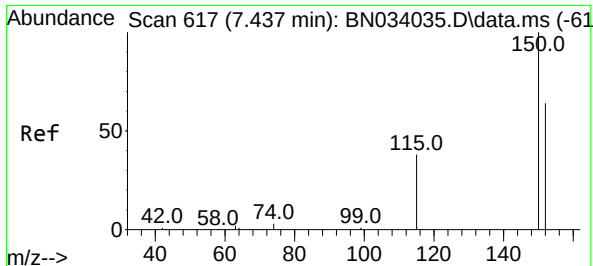
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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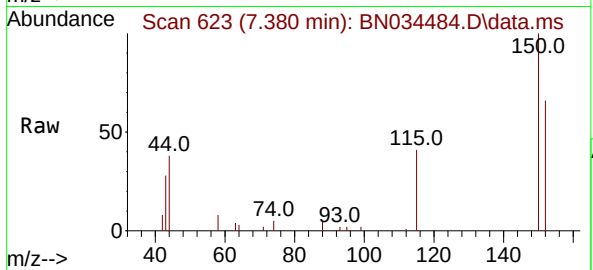
Quant Time: Oct 09 01:44:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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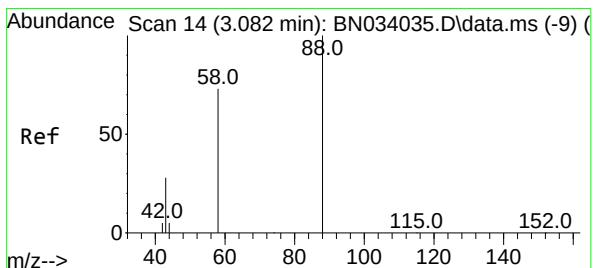
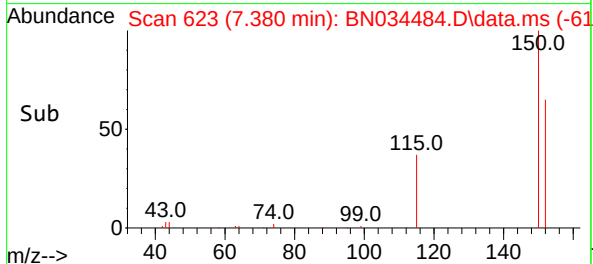
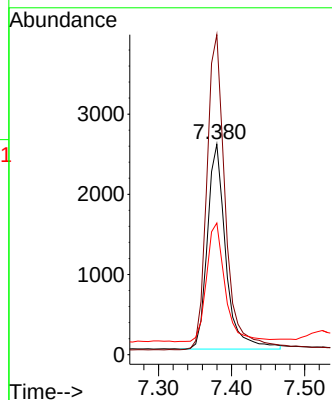


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

Instrument :
BNA_N
ClientSampleId :
DUP07-20240924

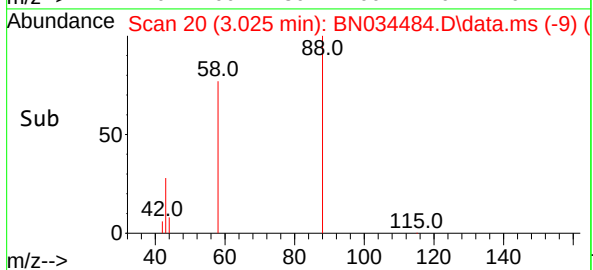
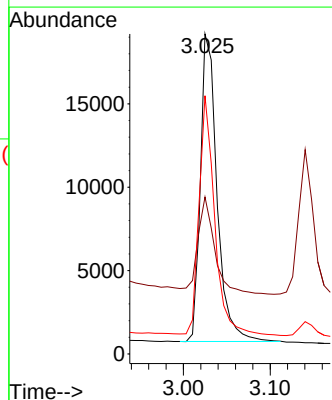
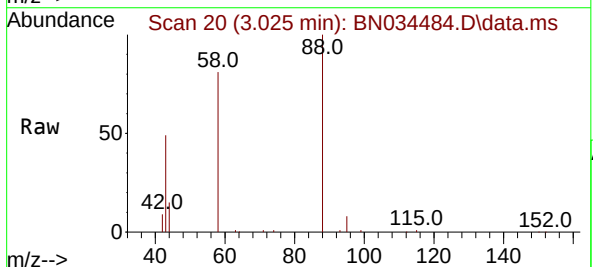


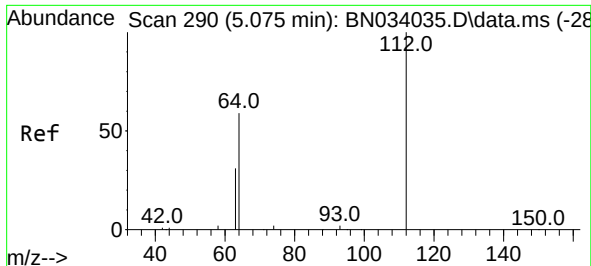
Tgt Ion:152 Resp: 4467
Ion Ratio Lower Upper
152 100
150 152.0 124.6 187.0
115 62.6 50.0 75.0



#2
1,4-Dioxane
Concen: 4.407 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.022 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

Tgt Ion: 88 Resp: 24613
Ion Ratio Lower Upper
88 100
43 32.4 25.8 38.8
58 73.8 58.8 88.2

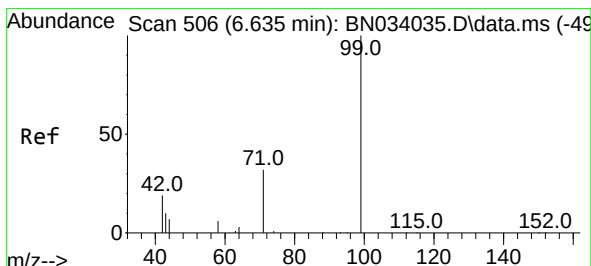
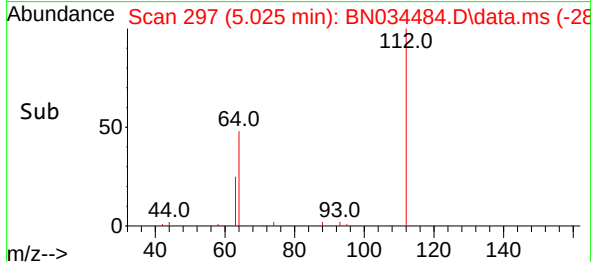
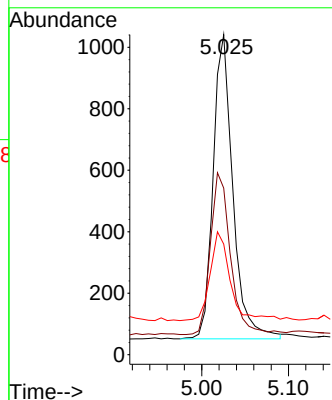
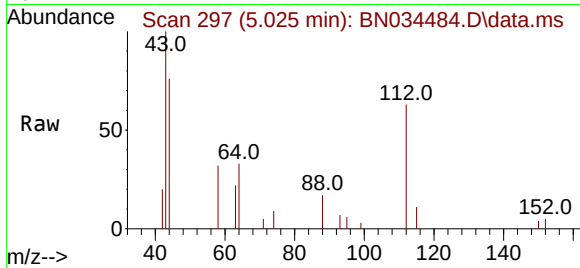




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.025 min Scan# 290
Delta R.T. -0.007 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

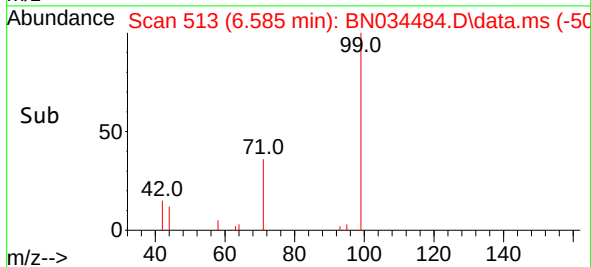
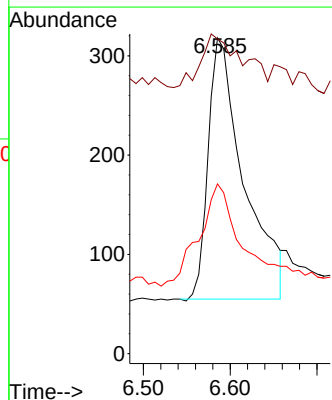
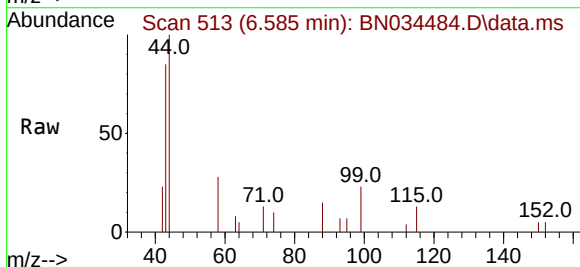
Instrument :
BNA_N
ClientSampleId :
DUP07-20240924

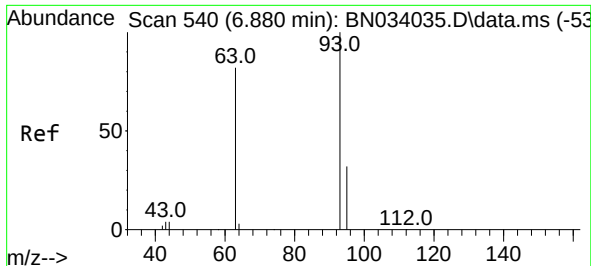
Tgt Ion:112 Resp: 1563
Ion Ratio Lower Upper
112 100
64 54.3 48.6 72.8
63 29.7 25.6 38.4



#5
Phenol-d6
Concen: 0.051 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

Tgt Ion: 99 Resp: 751
Ion Ratio Lower Upper
99 100
42 23.4 17.8 26.8
71 46.2 26.2 39.2#

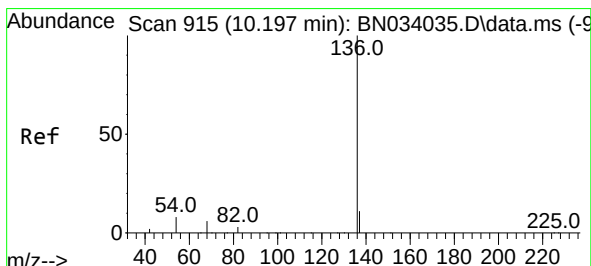
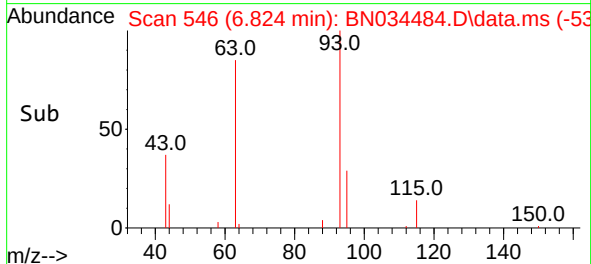
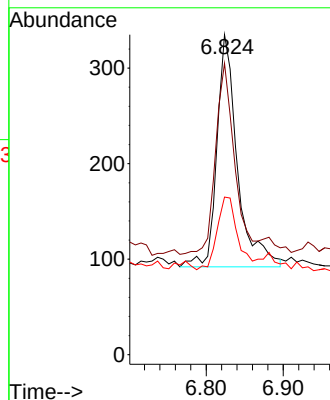
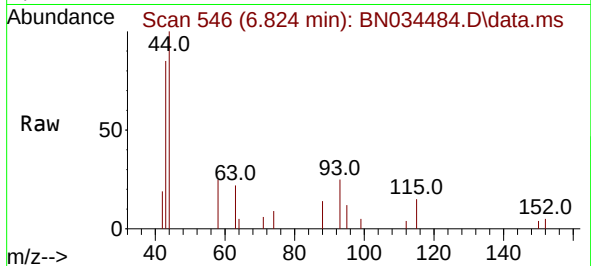




#6
bis(2-Chloroethyl)ether
Concen: 0.034 ng
RT: 6.824 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

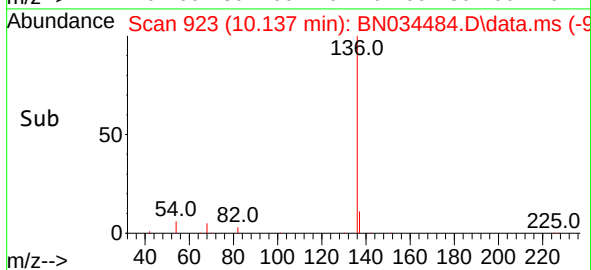
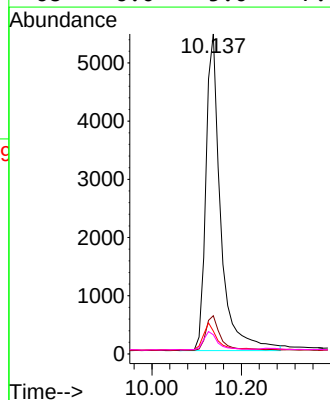
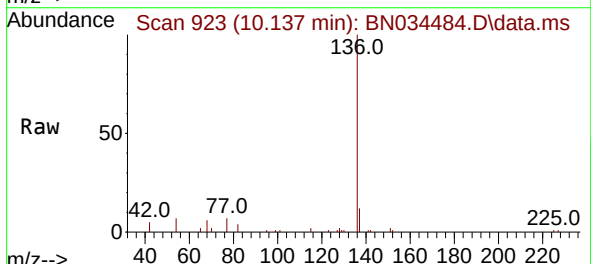
Instrument :
BNA_N
ClientSampleId :
DUP07-20240924

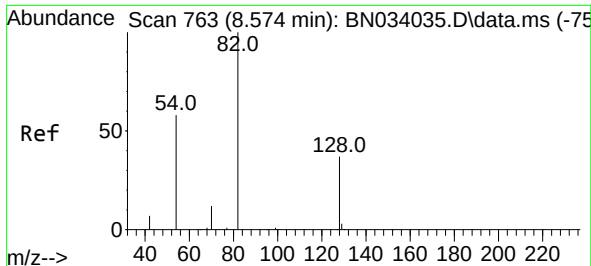
Tgt Ion: 93	Resp:	450	
Ion	Ratio	Lower	Upper
93	100		
63	74.9	67.3	100.9
95	30.9	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 923
Delta R.T. -0.011 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

Tgt	Ion:136	Resp:	12487
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.6
54	7.1	6.8	10.2
68	6.0	5.0	7.6

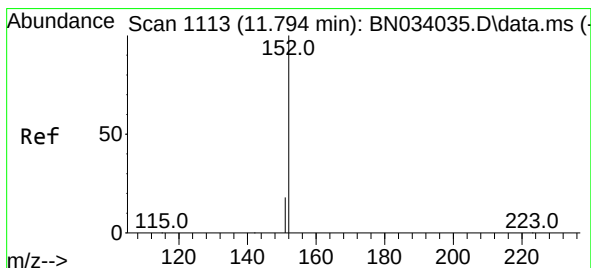
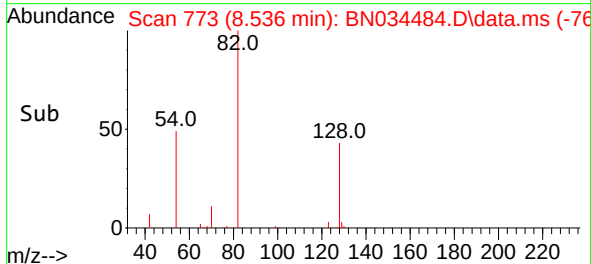
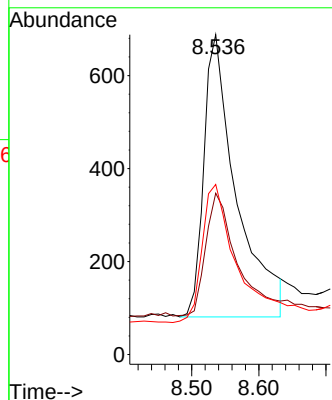
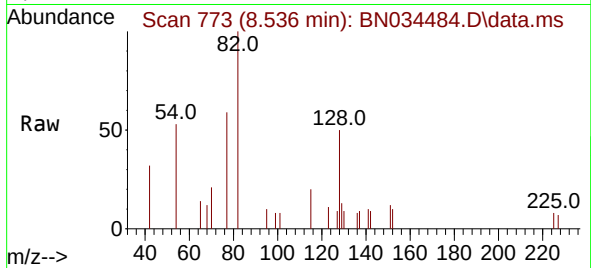




#8
Nitrobenzene-d5
Concen: 0.214 ng
RT: 8.536 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

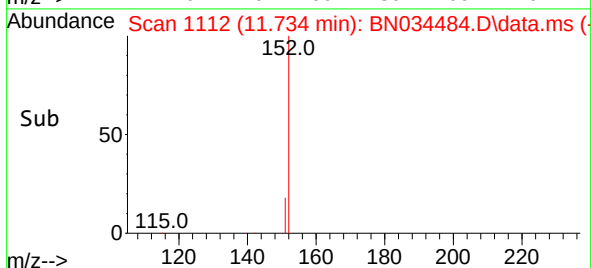
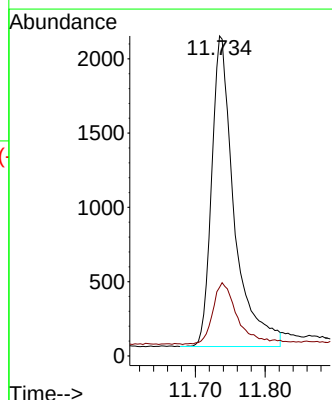
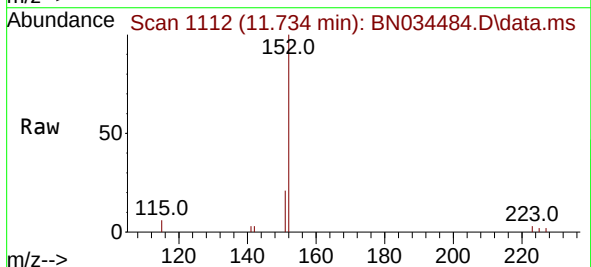
Instrument :
BNA_N
ClientSampleId :
DUP07-20240924

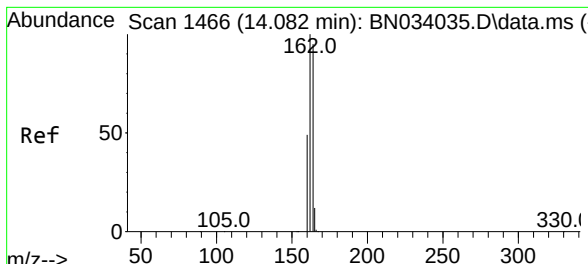
Tgt Ion: 82 Resp: 2041
Ion Ratio Lower Upper
82 100
128 50.4 31.4 47.2#
54 53.2 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 11.734 min Scan# 1112
Delta R.T. -0.019 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

Tgt Ion:152 Resp: 4690
Ion Ratio Lower Upper
152 100
151 21.6 16.8 25.2

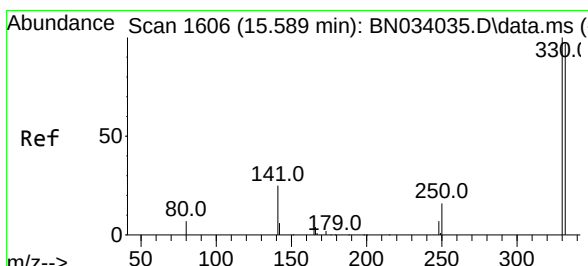
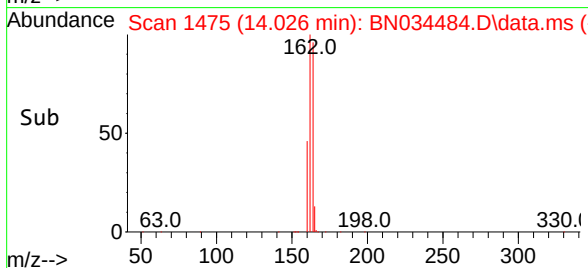
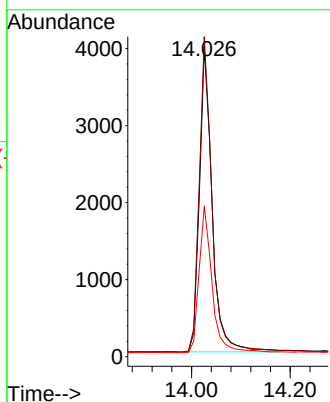
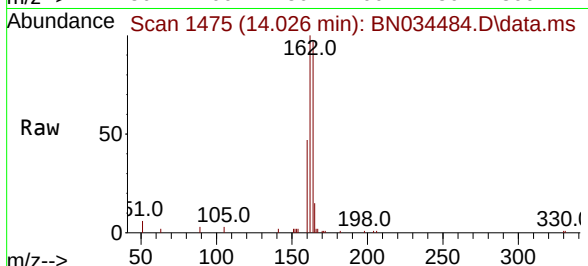




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.026 min Scan# 14
 Delta R.T. -0.021 min
 Lab File: BN034484.D
 Acq: 09 Oct 2024 01:20

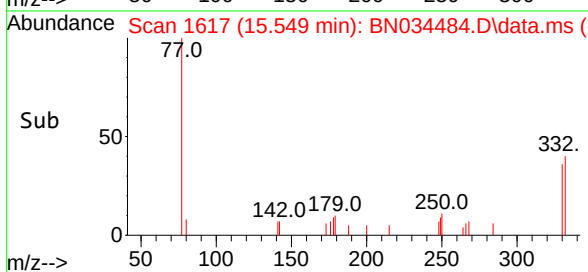
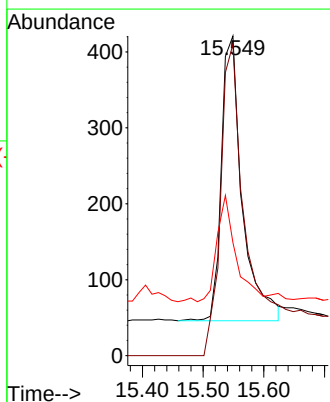
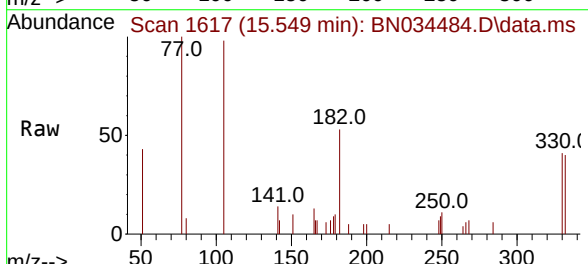
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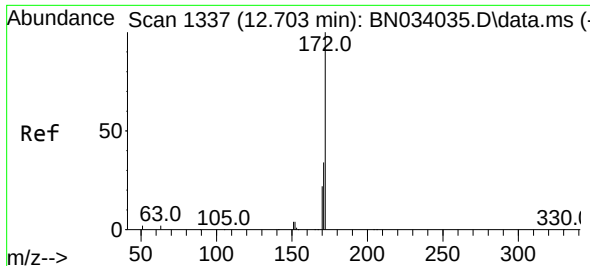
Tgt Ion:	164	Resp:	7076
Ion	Ratio	Lower	Upper
164	100		
162	103.6	84.2	126.2
160	48.8	41.7	62.5



#14
 2,4,6-Tribromophenol
 Concen: 0.266 ng
 RT: 15.549 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BN034484.D
 Acq: 09 Oct 2024 01:20

Tgt Ion:	330	Resp:	852
Ion	Ratio	Lower	Upper
330	100		
332	137.9	77.4	116.0#
141	35.3	35.9	53.9#

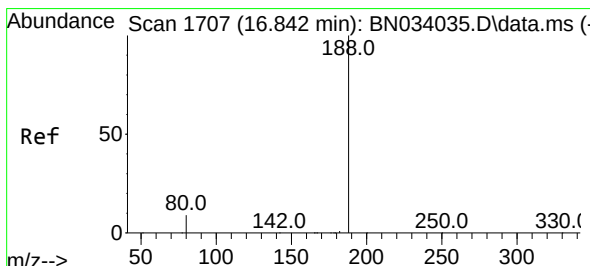
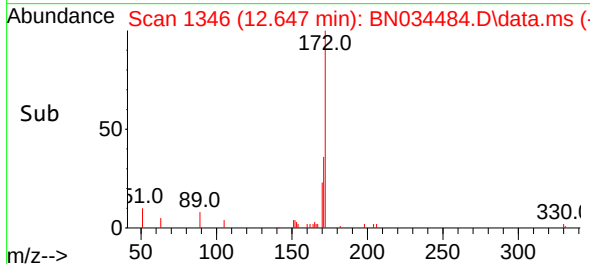
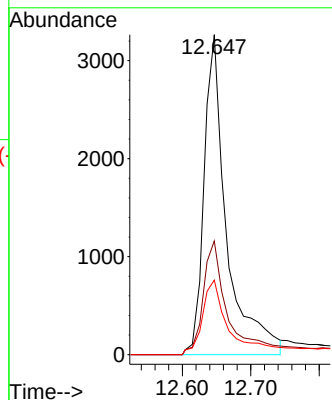
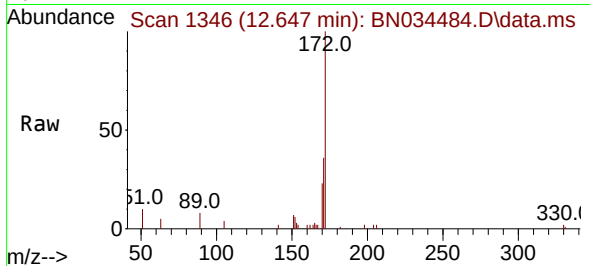




#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 12.647 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

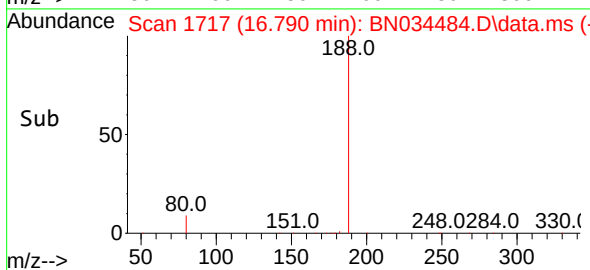
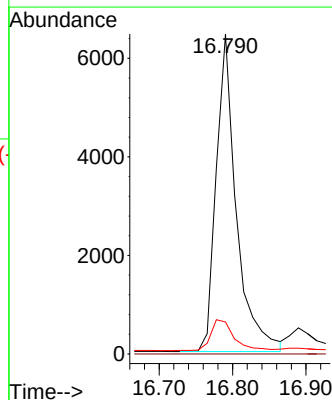
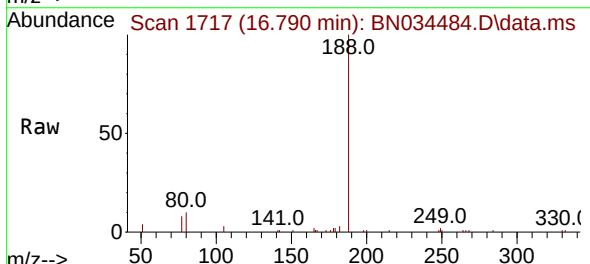
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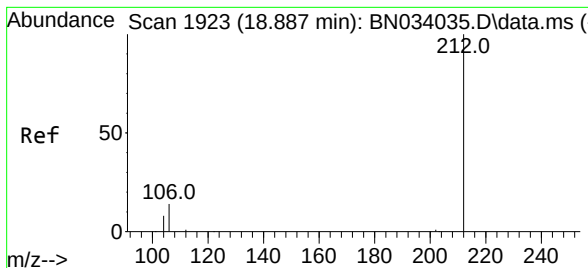
Tgt Ion:	172	Resp:	6847
Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.3	40.9
170	23.3	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

Tgt Ion:	188	Resp:	12271
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	7.4	11.0





#27

Fluoranthene-d10

Concen: 0.365 ng

RT: 18.832 min Scan# 1924

Delta R.T. -0.014 min

Lab File: BN034484.D

Acq: 09 Oct 2024 01:20

Instrument :

BNA_N

ClientSampleId :

DUP07-20240924

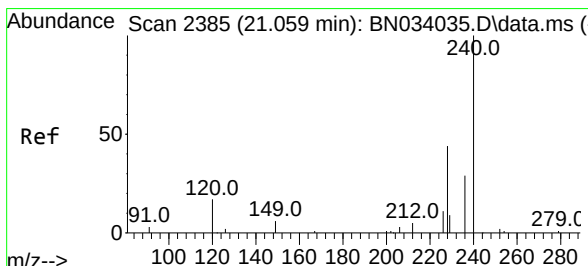
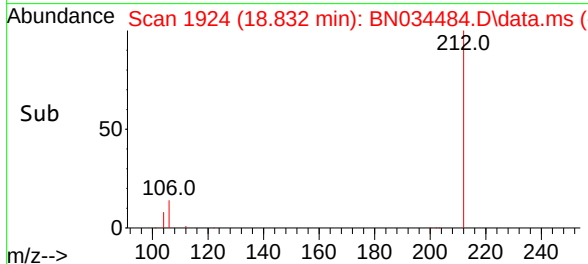
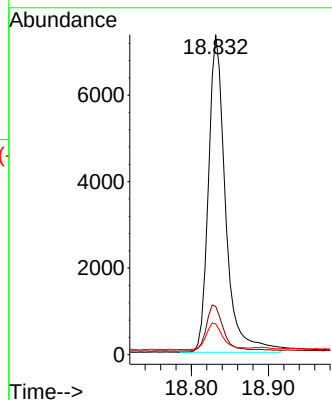
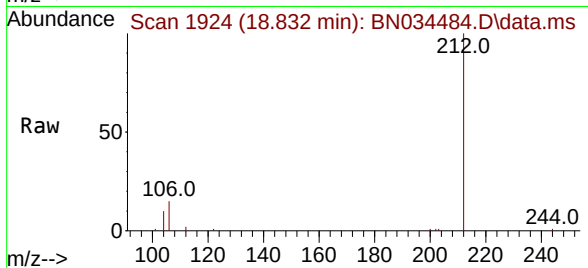
Tgt Ion:212 Resp: 11306

Ion Ratio Lower Upper

212 100

106 14.5 13.4 20.2

104 8.3 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: BN034484.D

Acq: 09 Oct 2024 01:20

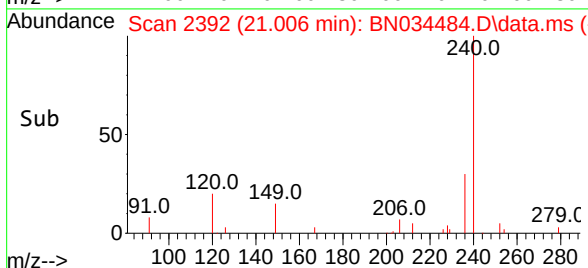
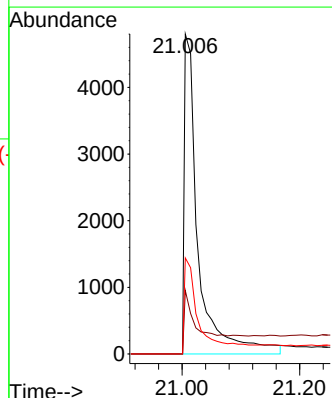
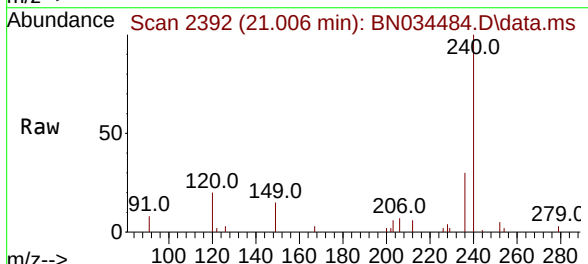
Tgt Ion:240 Resp: 8090

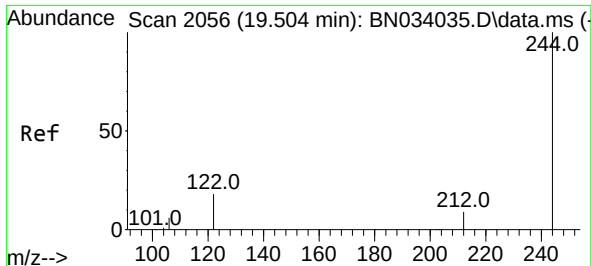
Ion Ratio Lower Upper

240 100

120 19.8 13.5 20.3

236 30.0 23.4 35.0

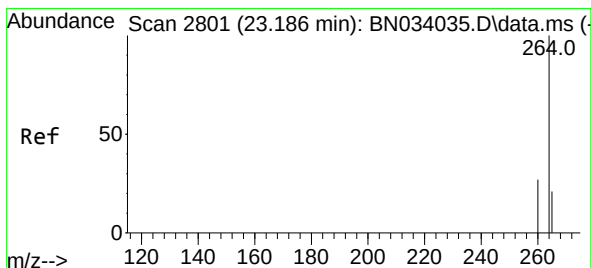
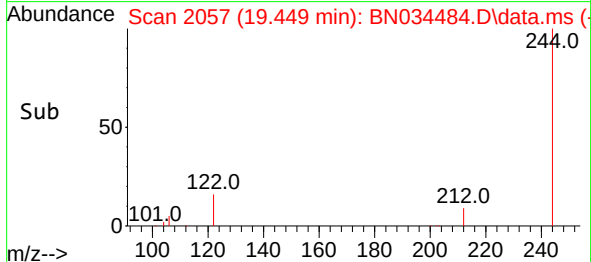
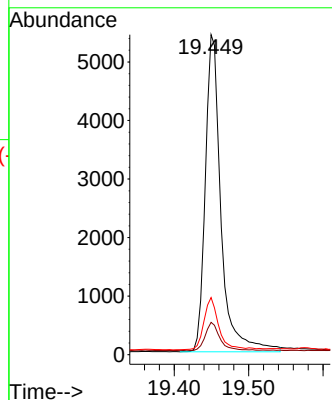
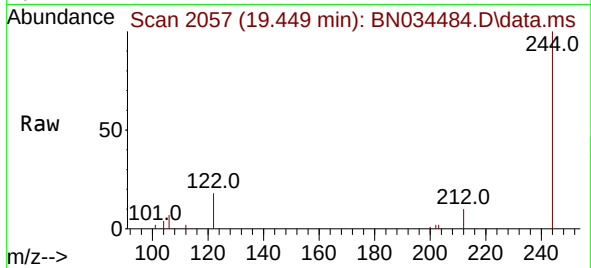




#31
 Terphenyl-d14
 Concen: 0.491 ng
 RT: 19.449 min Scan# 2057
 Delta R.T. -0.019 min
 Lab File: BN034484.D
 Acq: 09 Oct 2024 01:20

Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20240924

Tgt Ion:244 Resp: 7938
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.8 11.6
 122 17.8 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: BN034484.D
 Acq: 09 Oct 2024 01:20

Tgt Ion:264 Resp: 9497
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.7 32.5
 265 98.1 52.1 78.1#

