

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034469.D
 Acq On : 08 Oct 2024 13:44
 Operator : RC/JU
 Sample : P4260-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2

Quant Time: Oct 08 14:10:06 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)

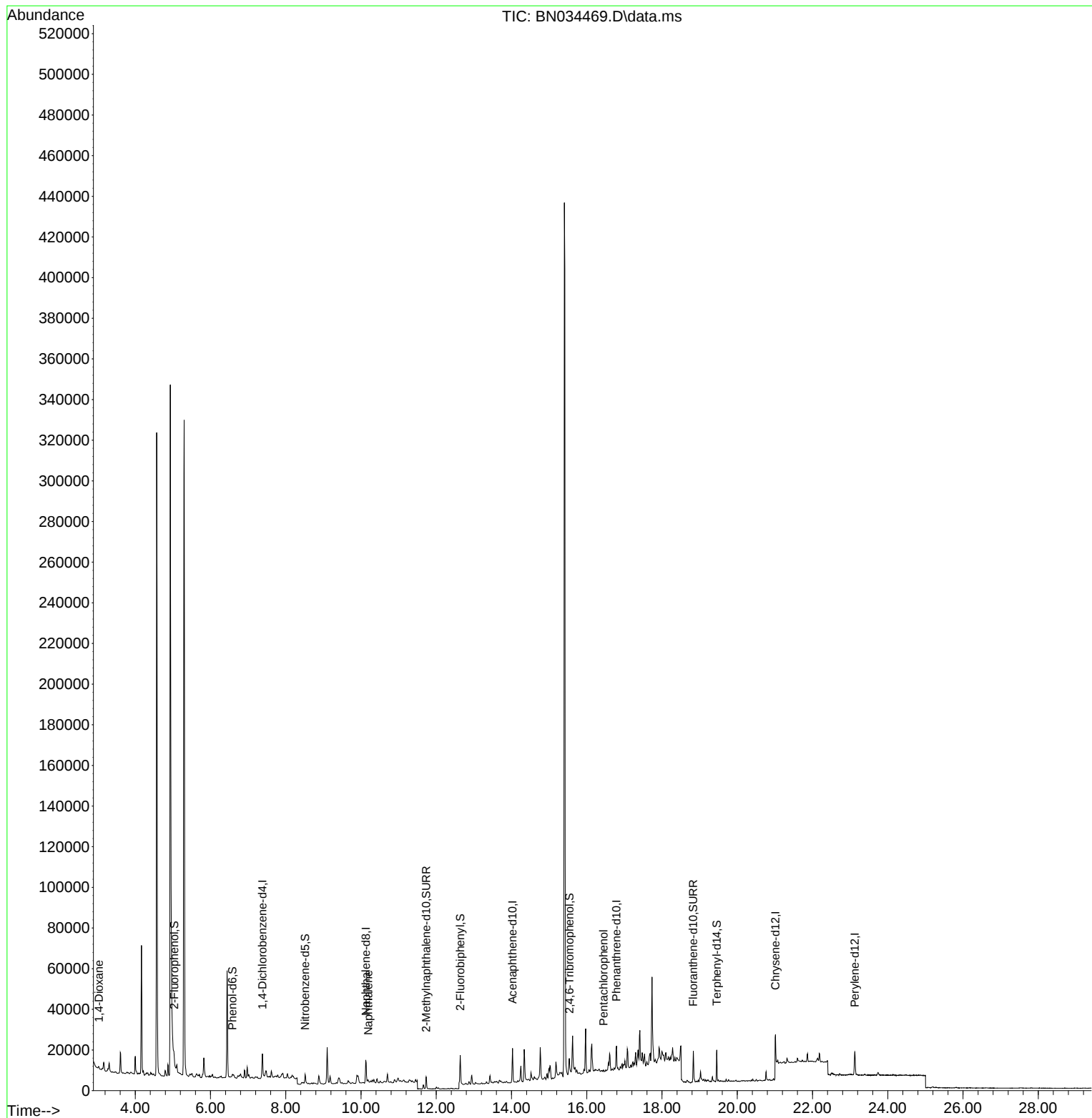
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	5617	0.400	ng	-0.01
7) Naphthalene-d8	10.127	136	15622	0.400	ng	#-0.02
13) Acenaphthene-d10	14.026	164	9172	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	15918	0.400	ng	#-0.01
29) Chrysene-d12	21.015	240	14374	0.400	ng	0.00
35) Perylene-d12	23.122	264	13789	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.033	112	2335	0.146	ng	0.00
5) Phenol-d6	6.585	99	1901	0.103	ng	-0.01
8) Nitrobenzene-d5	8.514	82	3915	0.328	ng	-0.02
11) 2-Methylnaphthalene-d10	11.731	152	8231	0.357	ng	-0.02
14) 2,4,6-Tribromophenol	15.537	330	3808	0.916	ng	-0.01
15) 2-Fluorobiphenyl	12.636	172	11239	0.301	ng	-0.02
27) Fluoranthene-d10	18.832	212	16350	0.407	ng	-0.01
31) Terphenyl-d14	19.454	244	13993	0.487	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	878	0.125	ng	# 2
9) Naphthalene	10.191	128	1283	0.030	ng	# 77
24) Pentachlorophenol	16.443	266	546	0.165	ng	87

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

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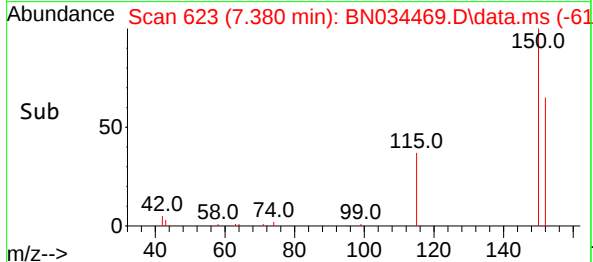
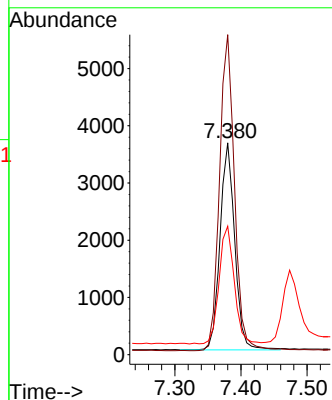
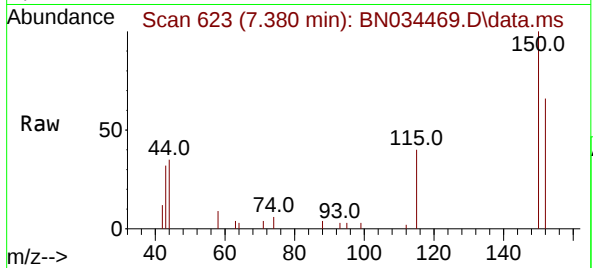




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

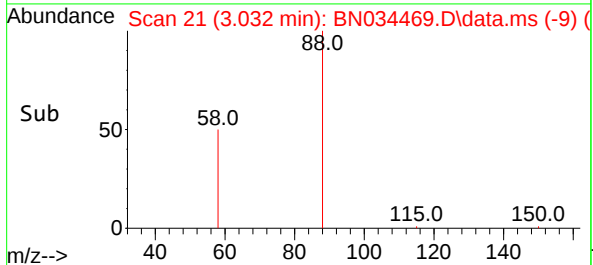
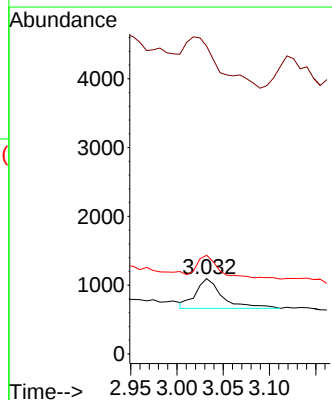
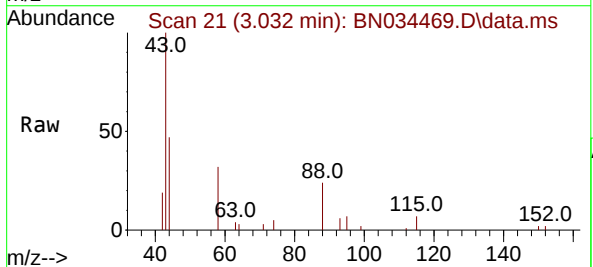
Instrument :
BNA_N
ClientSampleId :
TOWER-2

Tgt Ion:152 Resp: 5617
Ion Ratio Lower Upper
152 100
150 151.1 124.6 187.0
115 60.6 50.0 75.0



#2
1,4-Dioxane
Concen: 0.125 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Tgt Ion: 88 Resp: 878
Ion Ratio Lower Upper
88 100
43 206.3 25.8 38.8#
58 69.9 58.8 88.2

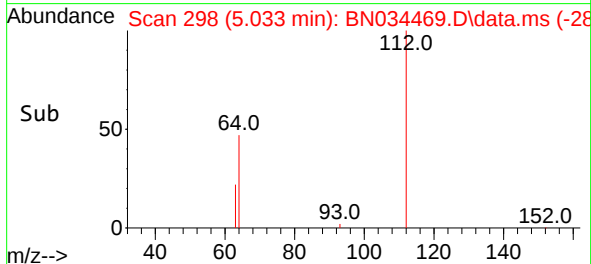
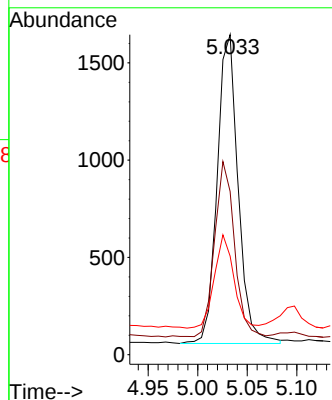
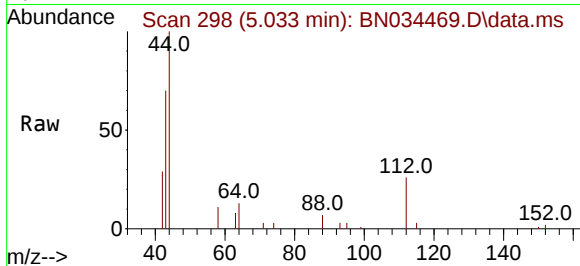




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.033 min Scan# 290
Delta R.T. 0.000 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

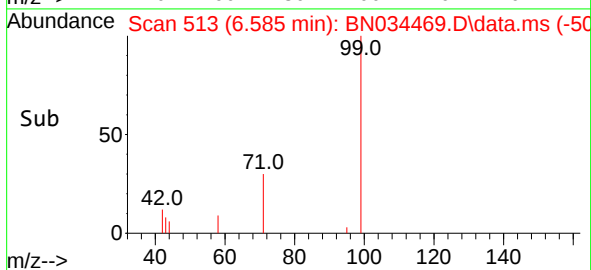
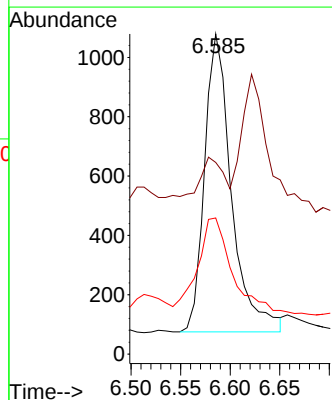
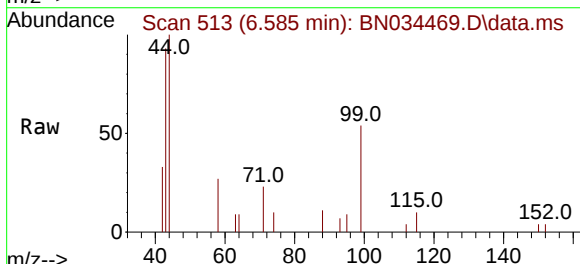
Instrument :
BNA_N
ClientSampleId :
TOWER-2

Tgt Ion:112 Resp: 2335
Ion Ratio Lower Upper
112 100
64 53.2 48.6 72.8
63 28.2 25.6 38.4



#5
Phenol-d6
Concen: 0.103 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Tgt Ion: 99 Resp: 1901
Ion Ratio Lower Upper
99 100
42 10.3 17.8 26.8#
71 39.1 26.2 39.2

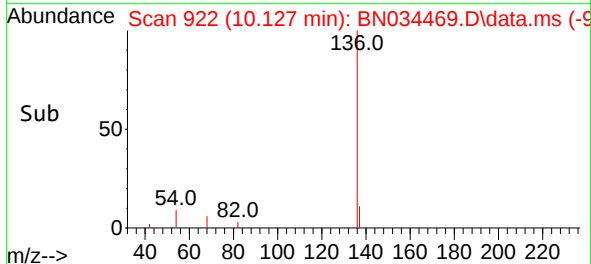
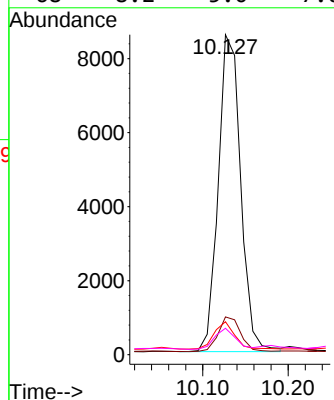
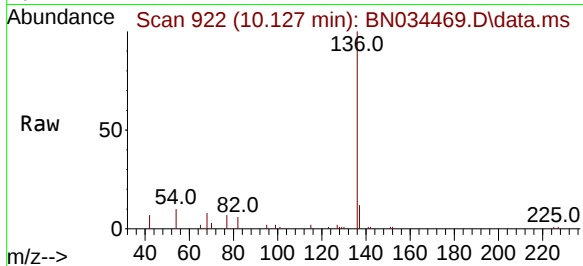




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

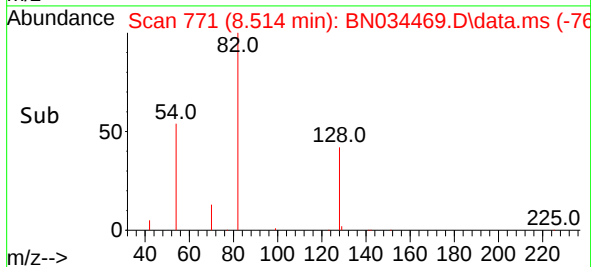
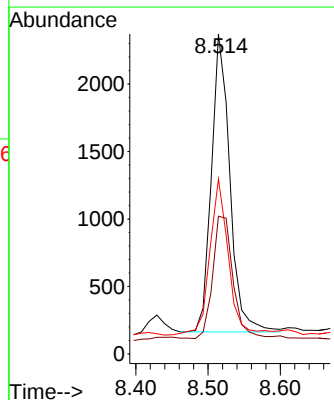
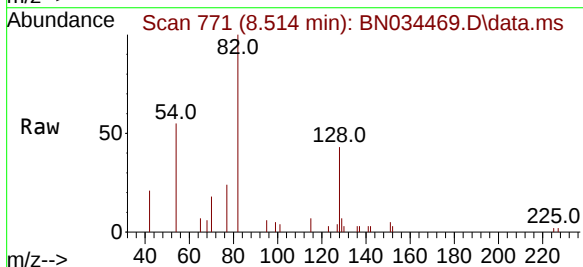
Instrument :
BNA_N
ClientSampleId :
TOWER-2

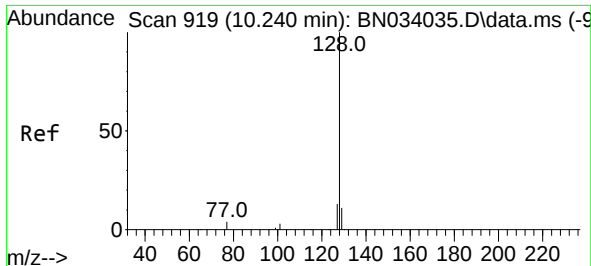
Tgt Ion:	136	Resp:	15622
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	10.3	6.8	10.2#
68	8.2	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.514 min Scan# 771
Delta R.T. -0.021 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Tgt Ion:	82	Resp:	3915
Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.4	47.2
54	54.7	47.4	71.0

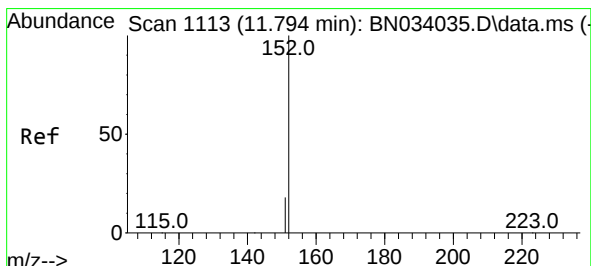
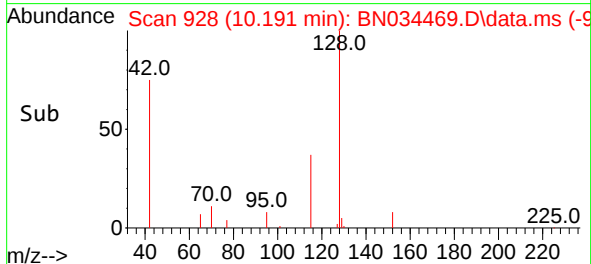
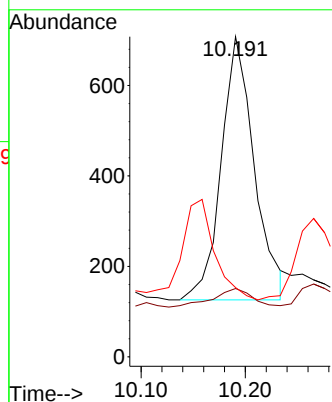
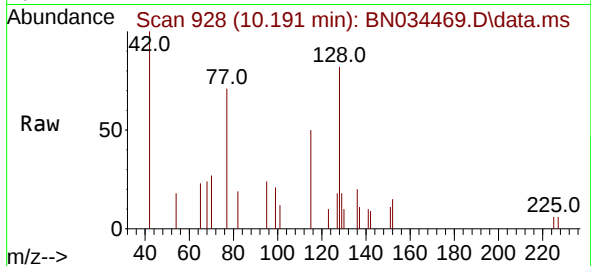




#9
Naphthalene
Concen: 0.030 ng
RT: 10.191 min Scan# 919
Delta R.T. -0.011 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

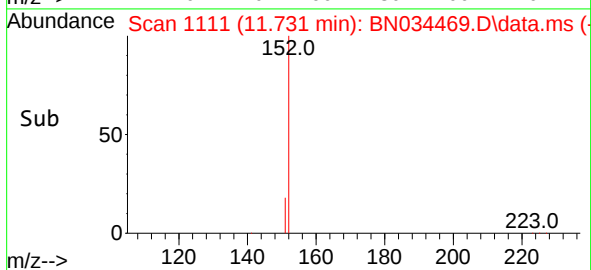
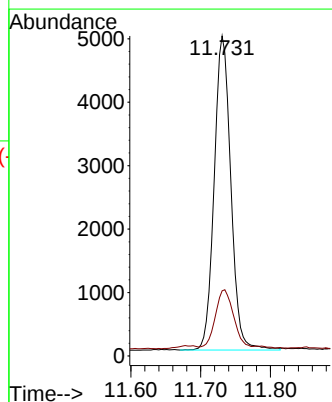
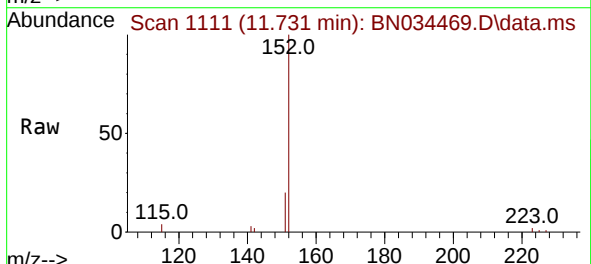
Instrument :
BNA_N
ClientSampleId :
TOWER-2

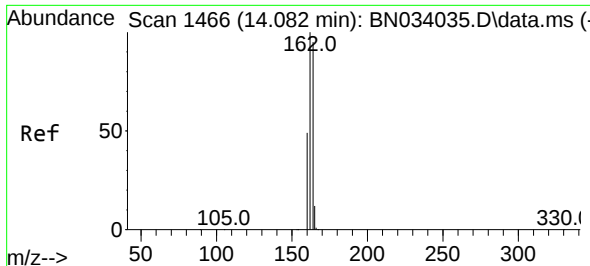
Tgt Ion:128 Resp: 1283
Ion Ratio Lower Upper
128 100
129 21.3 9.2 13.8#
127 21.6 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 11.731 min Scan# 1111
Delta R.T. -0.023 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Tgt Ion:152 Resp: 8231
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2

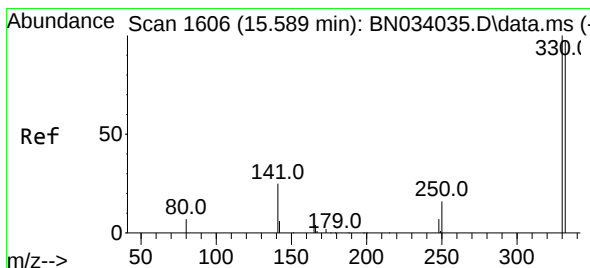
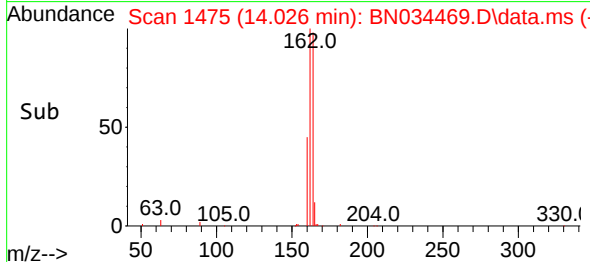
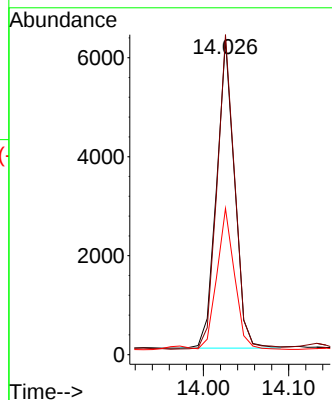
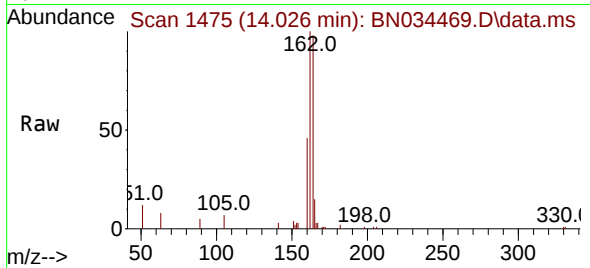




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 1466
Delta R.T. -0.021 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

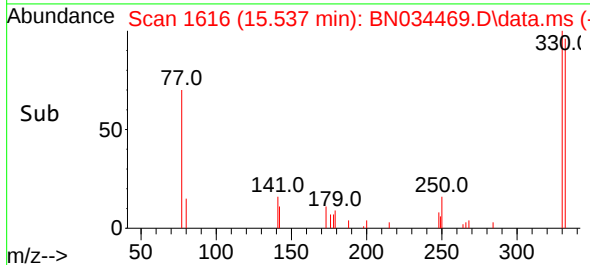
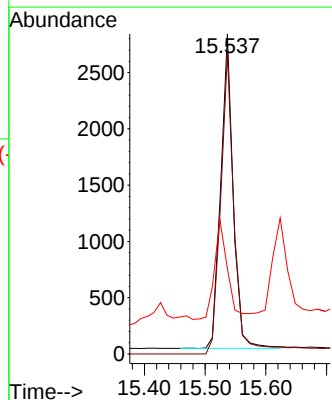
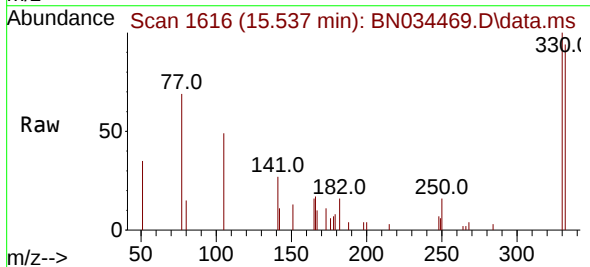
Instrument :
BNA_N
ClientSampleId :
TOWER-2

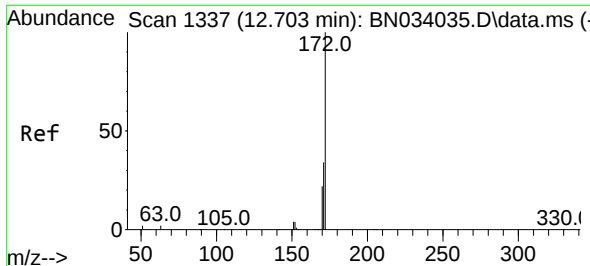
Tgt Ion:164 Resp: 9172
Ion Ratio Lower Upper
164 100
162 101.6 84.2 126.2
160 46.5 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.916 ng
RT: 15.537 min Scan# 1616
Delta R.T. -0.012 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Tgt Ion:330 Resp: 3808
Ion Ratio Lower Upper
330 100
332 106.6 77.4 116.0
141 34.0 35.9 53.9#

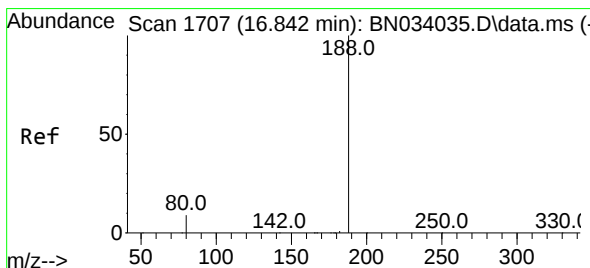
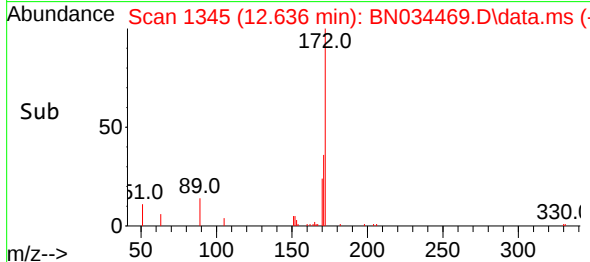
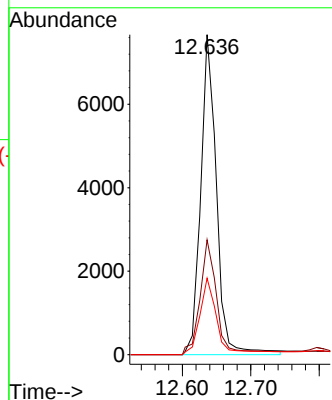
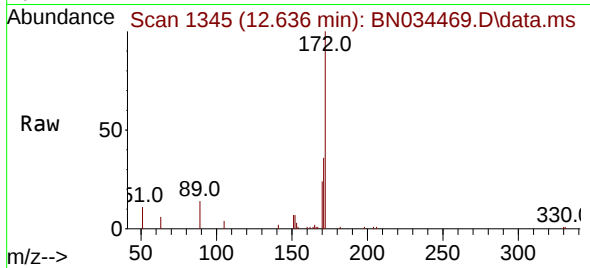




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.636 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

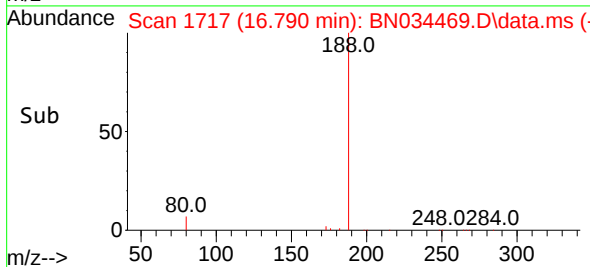
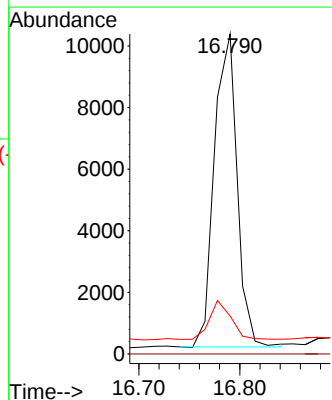
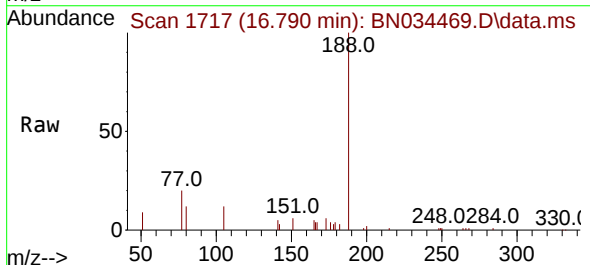
Instrument :
BNA_N
ClientSampleId :
TOWER-2

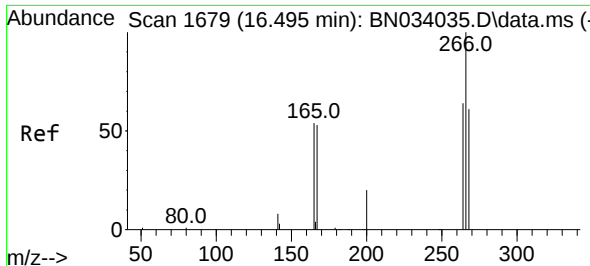
Tgt Ion:172 Resp: 11239
Ion Ratio Lower Upper
172 100
171 35.9 27.3 40.9
170 23.9 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Tgt Ion:188 Resp: 15918
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 7.4 11.0#

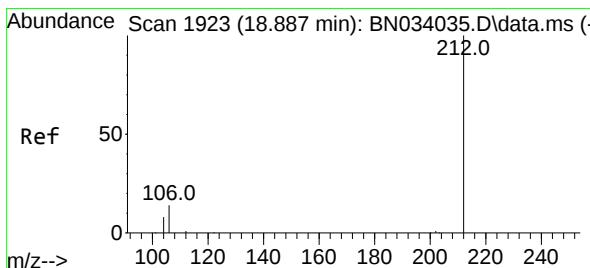
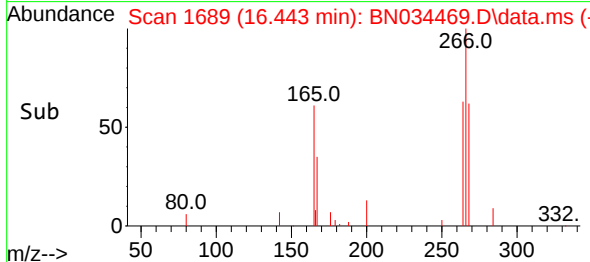
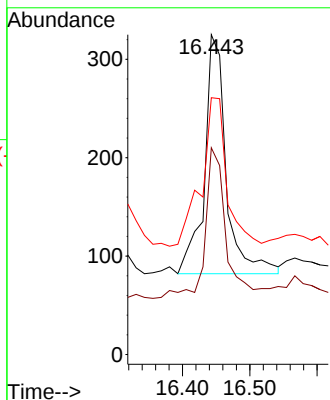
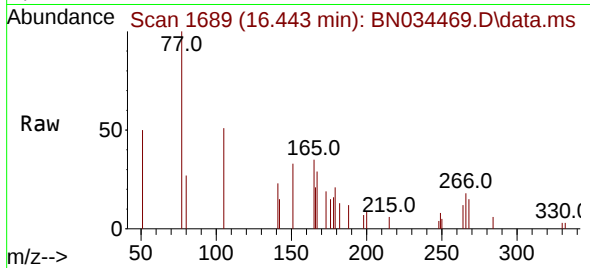




#24
 Pentachlorophenol
 Concen: 0.165 ng
 RT: 16.443 min Scan# 1689
 Delta R.T. -0.025 min
 Lab File: BN034469.D
 Acq: 08 Oct 2024 13:44

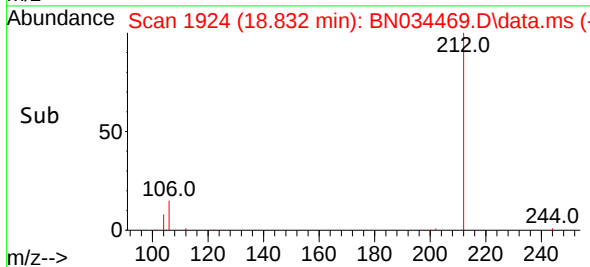
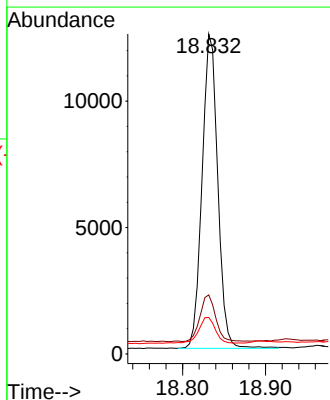
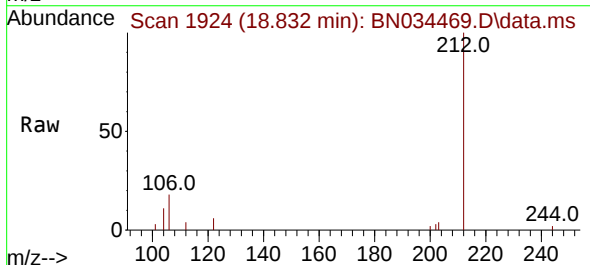
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2

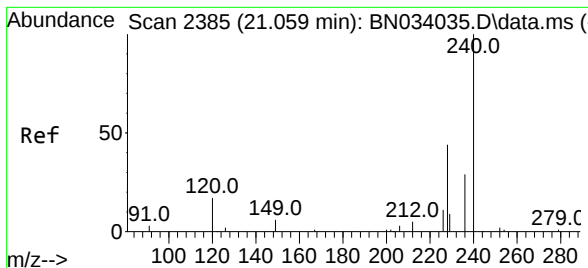
Tgt Ion:266 Resp: 546
 Ion Ratio Lower Upper
 266 100
 264 50.4 50.2 75.2
 268 72.3 51.0 76.4



#27
 Fluoranthene-d10
 Concen: 0.407 ng
 RT: 18.832 min Scan# 1924
 Delta R.T. -0.014 min
 Lab File: BN034469.D
 Acq: 08 Oct 2024 13:44

Tgt Ion:212 Resp: 16350
 Ion Ratio Lower Upper
 212 100
 106 15.0 13.4 20.2
 104 8.8 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: BN034469.D

Acq: 08 Oct 2024 13:44

Instrument :

BNA_N

ClientSampleId :

TOWER-2

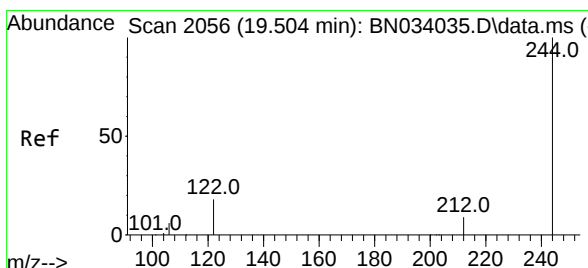
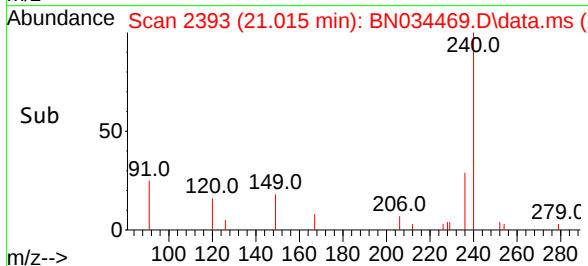
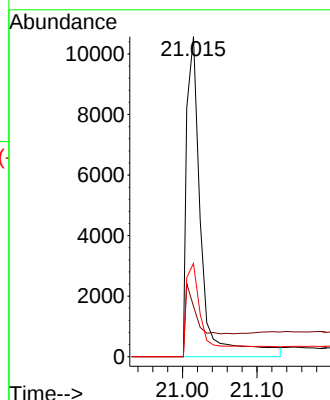
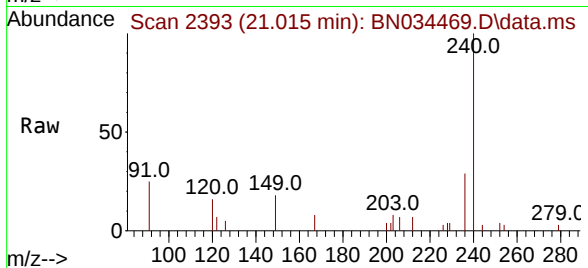
Tgt Ion:240 Resp: 14374

Ion Ratio Lower Upper

240 100

120 15.8 13.5 20.3

236 29.1 23.4 35.0



#31

Terphenyl-d14

Concen: 0.487 ng

RT: 19.454 min Scan# 2058

Delta R.T. -0.014 min

Lab File: BN034469.D

Acq: 08 Oct 2024 13:44

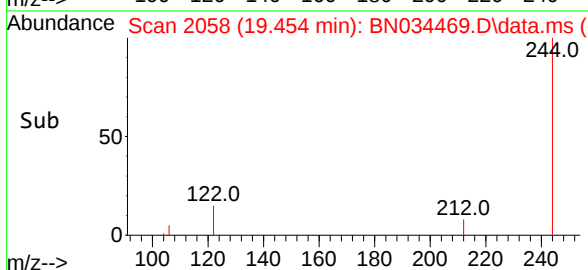
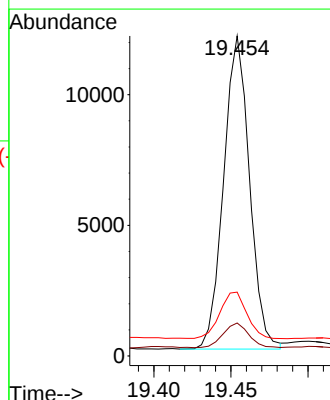
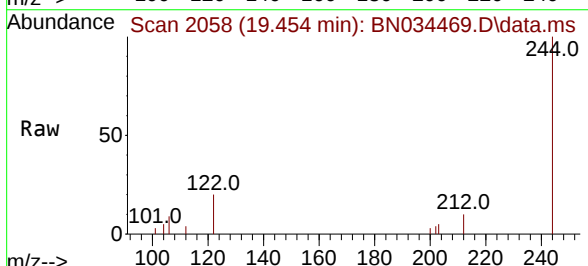
Tgt Ion:244 Resp: 13993

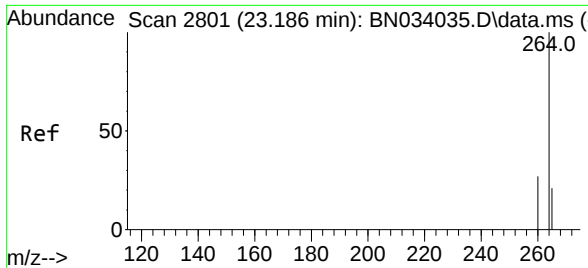
Ion Ratio Lower Upper

244 100

212 10.3 7.8 11.6

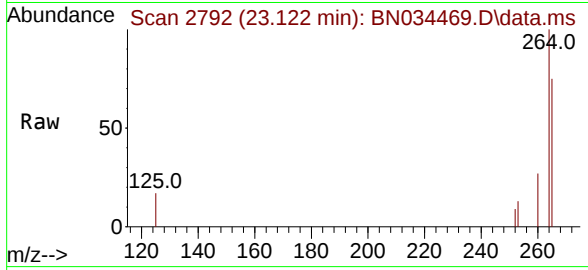
122 20.0 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.122 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Instrument :
BNA_N
ClientSampleId :
TOWER-2



Tgt Ion:264 Resp: 13789
Ion Ratio Lower Upper
264 100
260 27.1 21.7 32.5
265 74.5 52.1 78.1

