

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
 Data File : BN034589.D
 Acq On : 15 Oct 2024 01:56
 Operator : RC/JU
 Sample : P4365-01RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-11-HYD-20241008RE

Quant Time: Oct 15 02:19:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 17:52:02 2024
 Response via : Initial Calibration

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

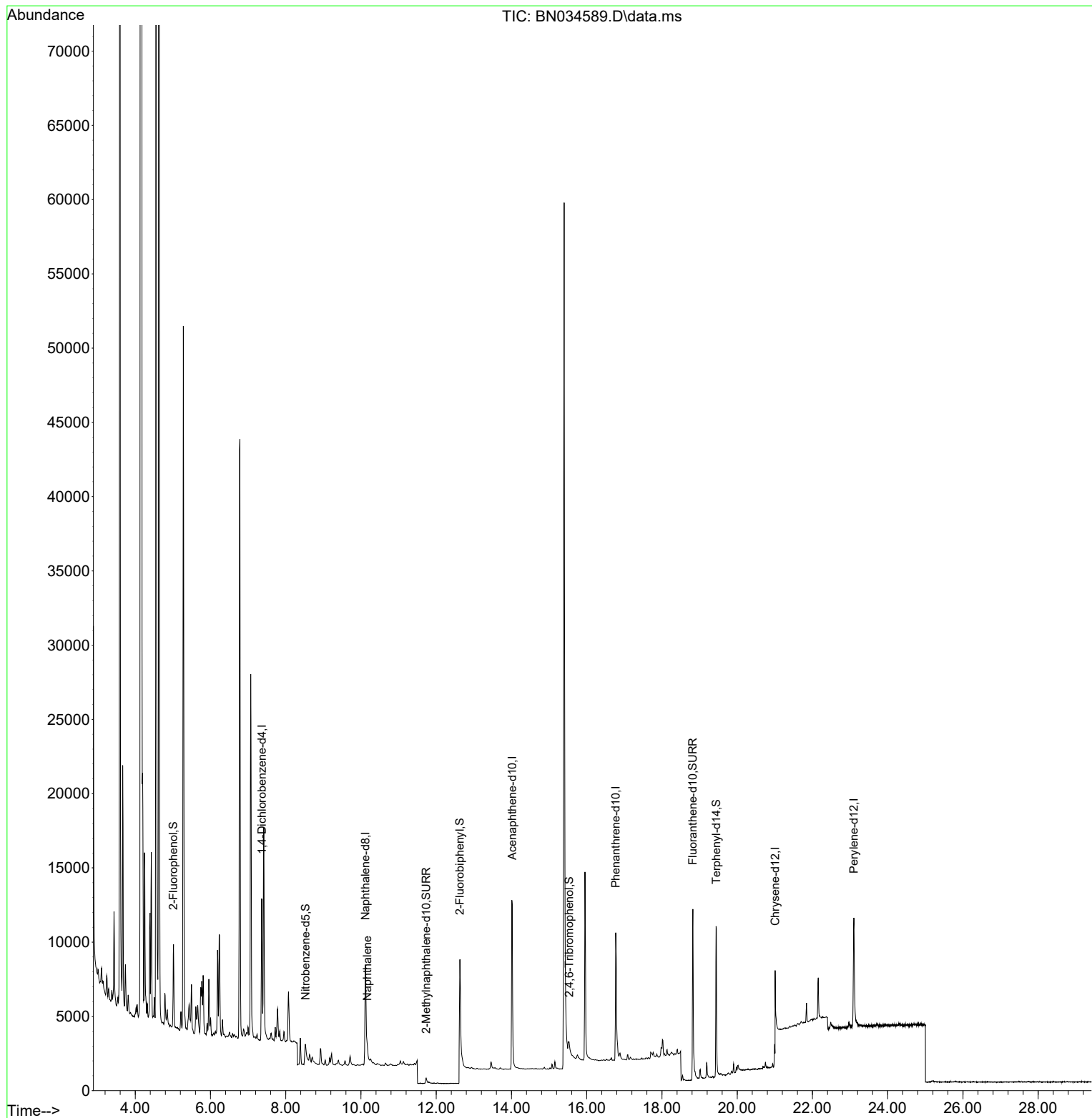
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.365	152	4778	0.400	ng	0.00
7) Naphthalene-d8	10.116	136	13833	0.400	ng	0.00
13) Acenaphthene-d10	14.019	164	8357	0.400	ng	0.00
19) Phenanthrene-d10	16.771	188	15090	0.400	ng	#-0.01
29) Chrysene-d12	21.008	240	4165	0.400	ng	# 0.00
35) Perylene-d12	23.098	264	11578	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	455	0.035	ng	0.00
5) Phenol-d6	6.593	99	36	0.003	ng	0.03
8) Nitrobenzene-d5	8.525	82	2631	0.292	ng	0.01
11) 2-Methylnaphthalene-d10	11.731	152	778	0.038	ng	0.00
14) 2,4,6-Tribromophenol	15.530	330	446	0.120	ng	0.00
15) 2-Fluorobiphenyl	12.629	172	9319	0.323	ng	-0.01
27) Fluoranthene-d10	18.820	212	14946	0.407	ng	0.00
31) Terphenyl-d14	19.443	244	11604	0.577	ng	0.00
Target Compounds						
9) Naphthalene	10.169	128	1046	0.029	ng	# 73

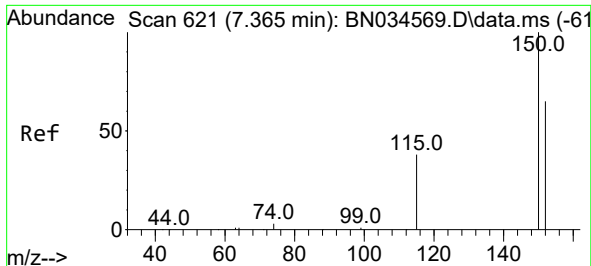
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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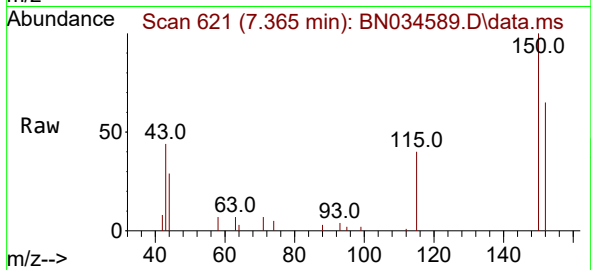
Quant Time: Oct 15 02:19:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
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Response via : Initial Calibration



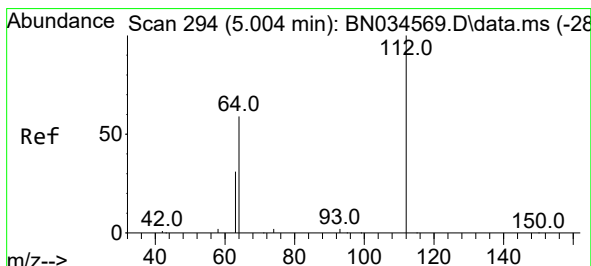
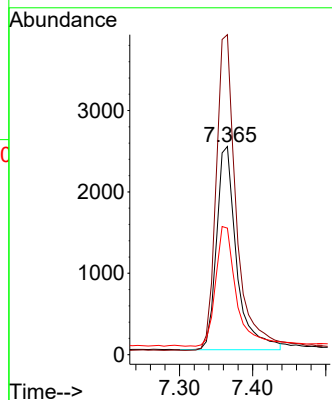
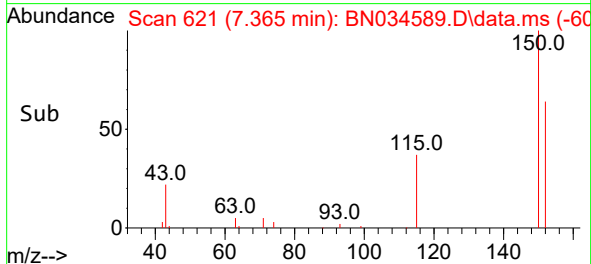


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.365 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

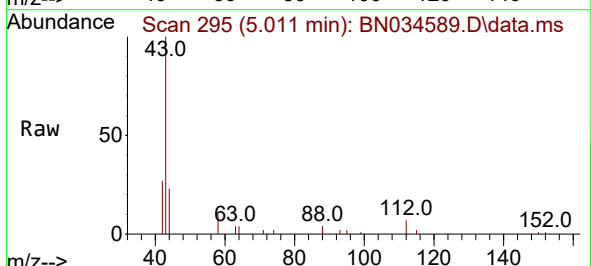
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241008RE



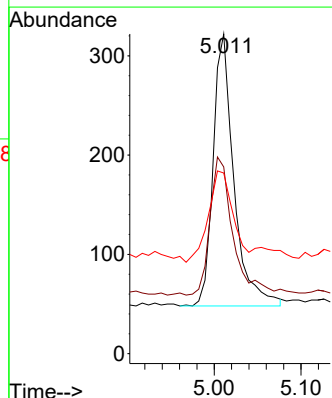
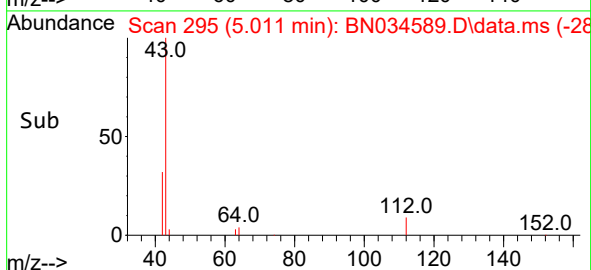
Tgt Ion:152 Resp: 4778
Ion Ratio Lower Upper
152 100
150 153.8 122.0 183.0
115 60.8 48.3 72.5

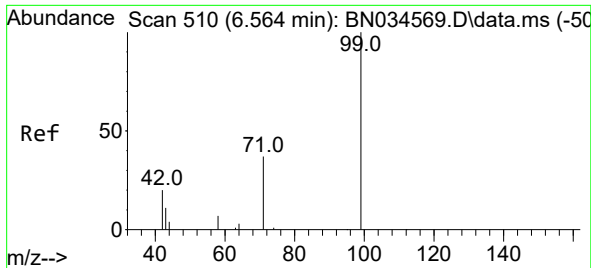


#4
2-Fluorophenol
Concen: 0.035 ng
RT: 5.011 min Scan# 295
Delta R.T. 0.007 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56



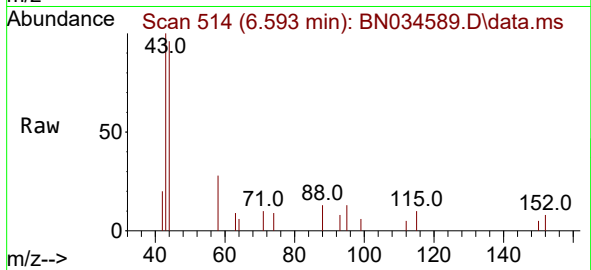
Tgt Ion:112 Resp: 455
Ion Ratio Lower Upper
112 100
64 55.8 44.6 66.8
63 39.8 23.8 35.6#



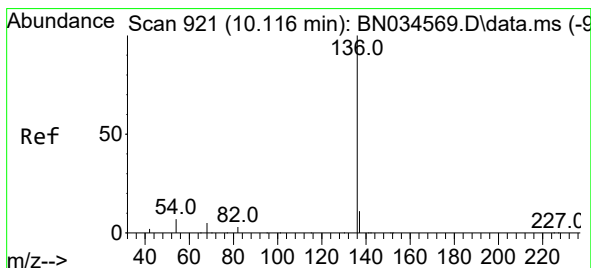
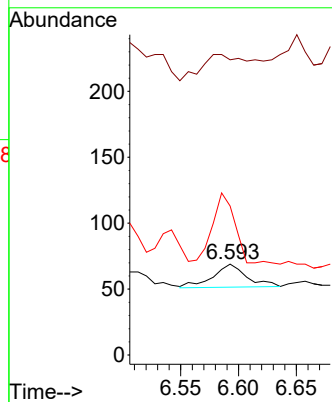
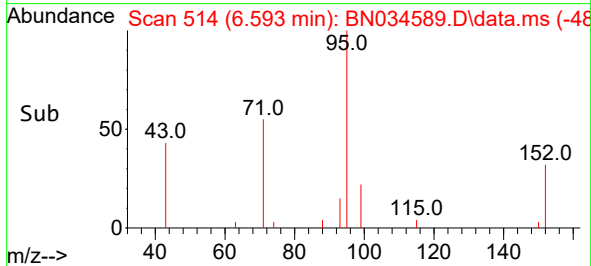


#5
Phenol-d6
Concen: 0.003 ng
RT: 6.593 min Scan# 510
Delta R.T. 0.029 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241008RE

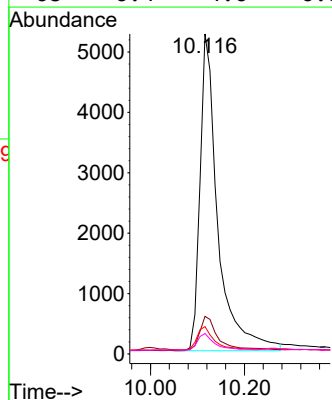
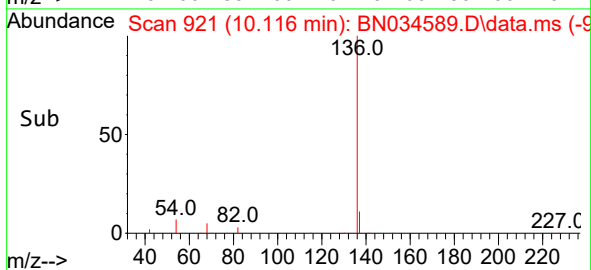
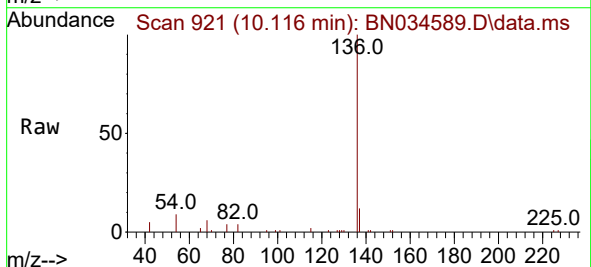


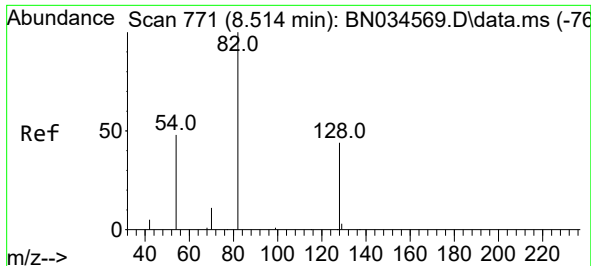
Tgt Ion: 99 Resp: 36
Ion Ratio Lower Upper
99 100
42 172.2 15.0 22.6#
71 197.2 28.0 42.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.116 min Scan# 921
Delta R.T. -0.000 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

Tgt Ion: 136 Resp: 13833
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 8.6 6.2 9.4
68 6.4 4.6 6.8

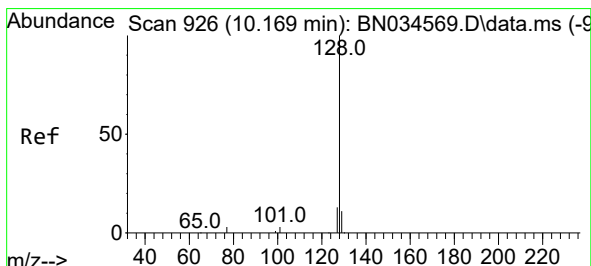
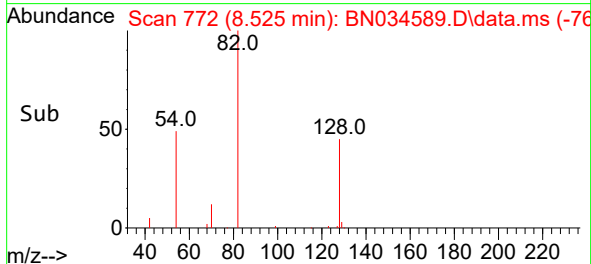
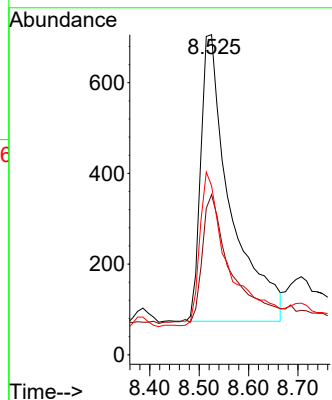
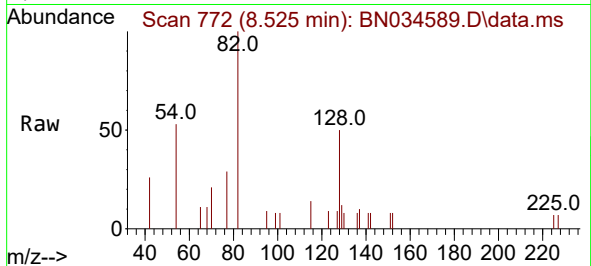




#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 8.525 min Scan# 711
Delta R.T. 0.011 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

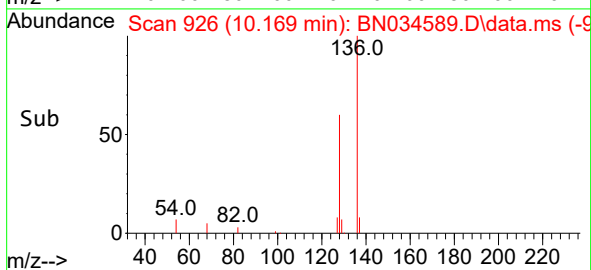
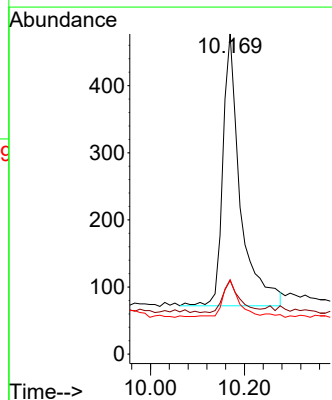
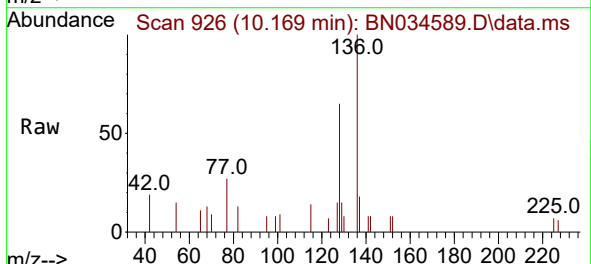
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241008RE

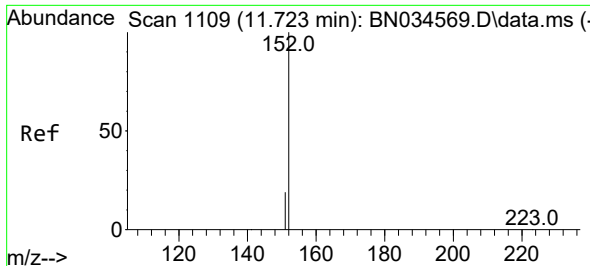
Tgt Ion: 82 Resp: 2631
Ion Ratio Lower Upper
82 100
128 50.0 38.0 57.0
54 52.8 40.6 60.8



#9
Naphthalene
Concen: 0.029 ng
RT: 10.169 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

Tgt Ion: 128 Resp: 1046
Ion Ratio Lower Upper
128 100
129 23.1 9.3 13.9#
127 23.3 10.8 16.2#

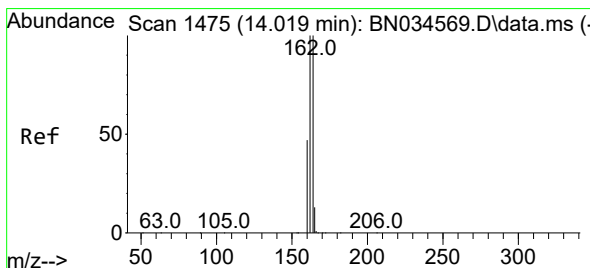
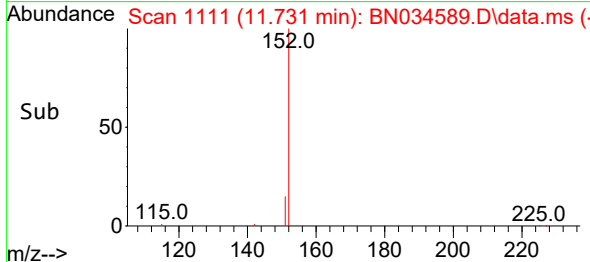
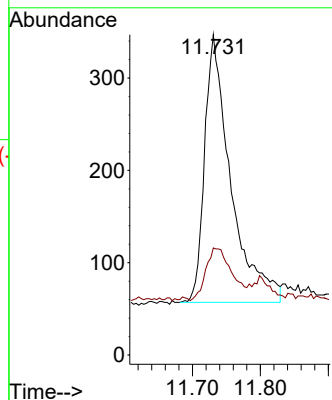
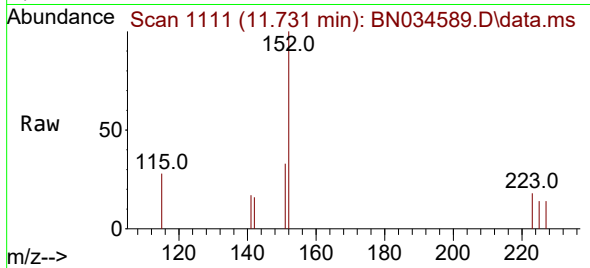




#11
2-Methylnaphthalene-d10
Concen: 0.038 ng
RT: 11.731 min Scan# 1111
Delta R.T. 0.008 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

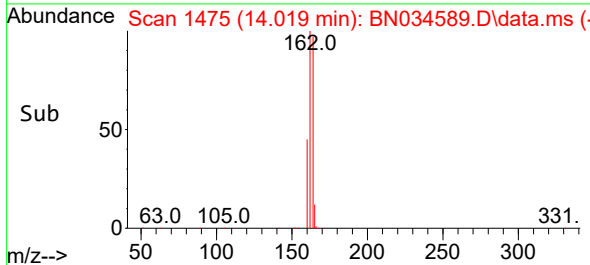
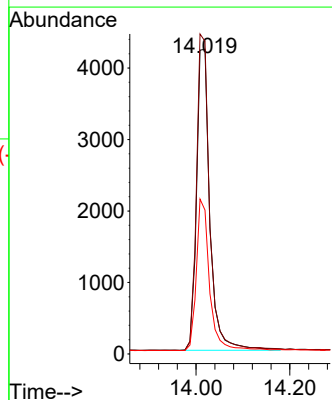
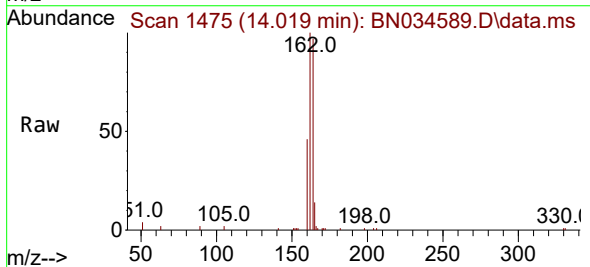
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241008RE

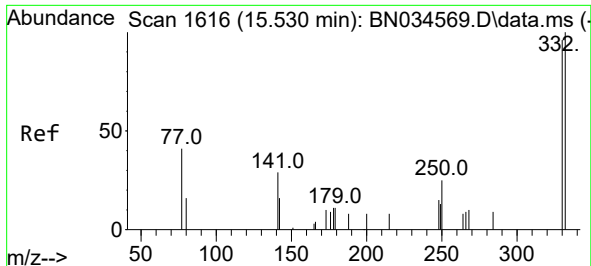
Tgt Ion:152 Resp: 778
Ion Ratio Lower Upper
152 100
151 19.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

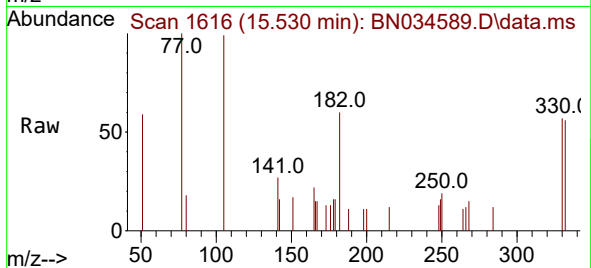
Tgt Ion:164 Resp: 8357
Ion Ratio Lower Upper
164 100
162 102.6 79.7 119.5
160 47.2 37.9 56.9



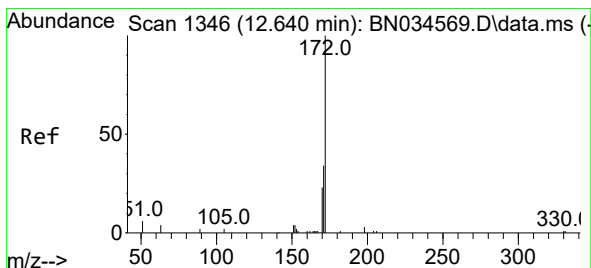
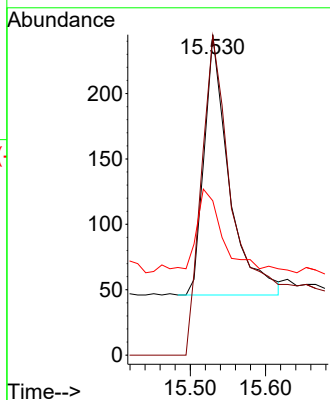
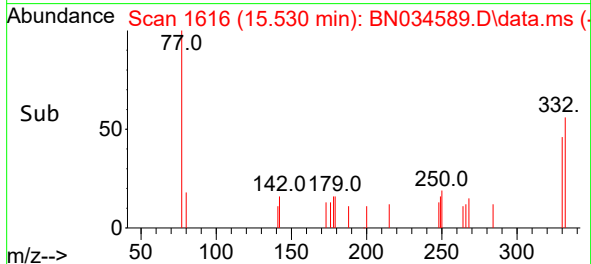


#14
2,4,6-Tribromophenol
Concen: 0.120 ng
RT: 15.530 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

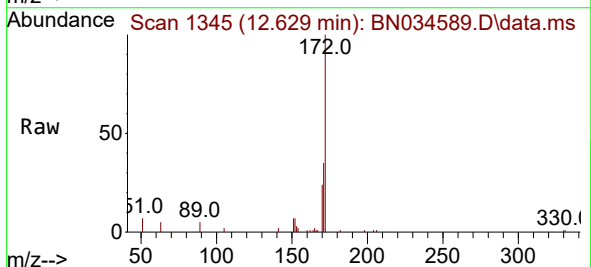
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241008RE



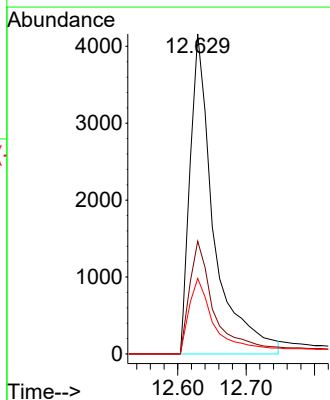
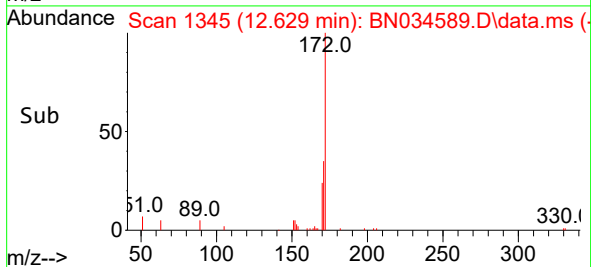
Tgt Ion:330 Resp: 446
Ion Ratio Lower Upper
330 100
332 178.7 104.3 156.5#
141 32.3 29.4 44.0

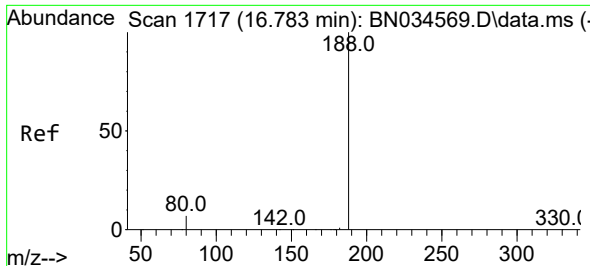


#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.629 min Scan# 1345
Delta R.T. -0.011 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56



Tgt Ion:172 Resp: 9319
Ion Ratio Lower Upper
172 100
171 35.3 27.1 40.7
170 23.6 18.5 27.7

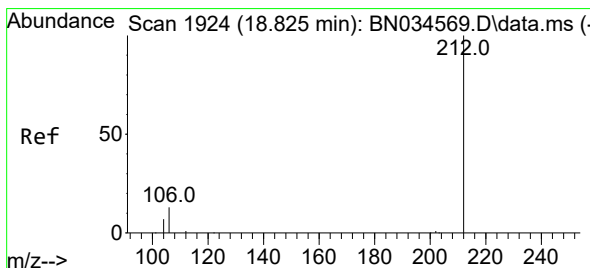
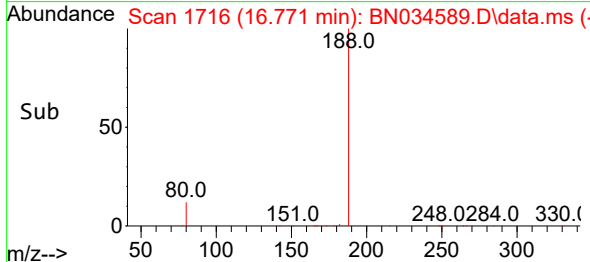
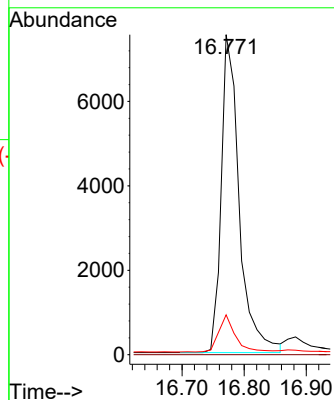
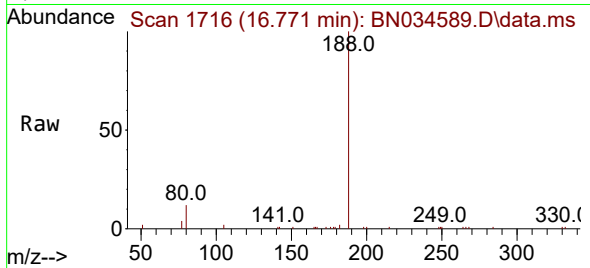




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.771 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

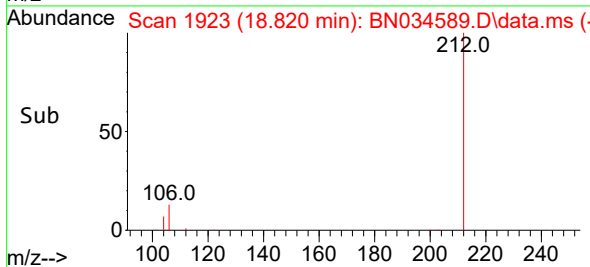
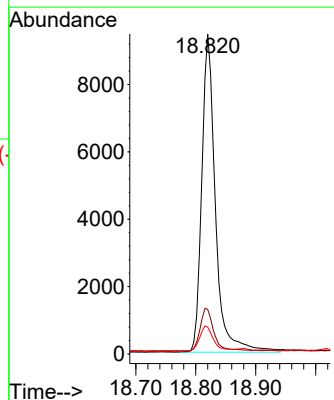
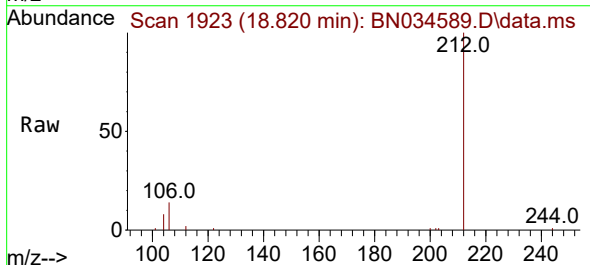
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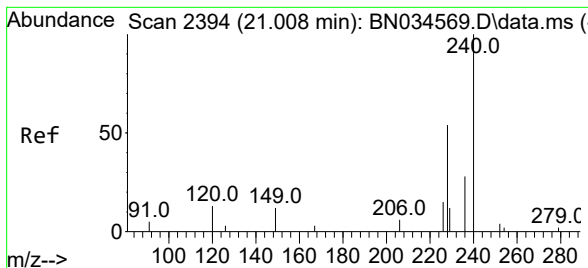
Tgt Ion:188 Resp: 15090
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 6.3 9.5#



#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 18.820 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

Tgt Ion:212 Resp: 14946
Ion Ratio Lower Upper
212 100
106 13.8 11.1 16.7
104 7.6 6.5 9.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN034589.D

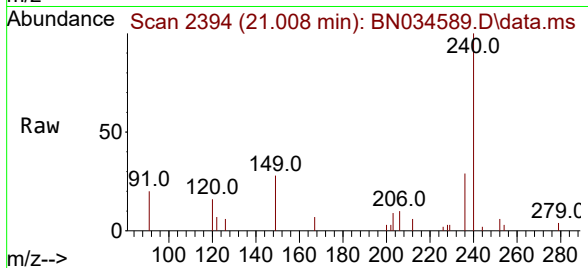
Acq: 15 Oct 2024 01:56

Instrument :

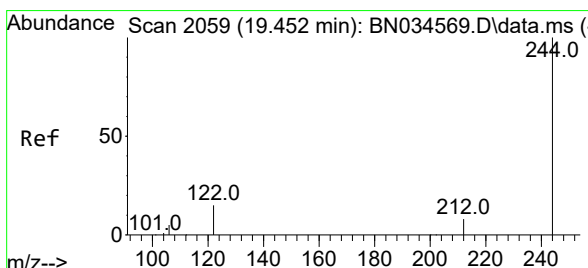
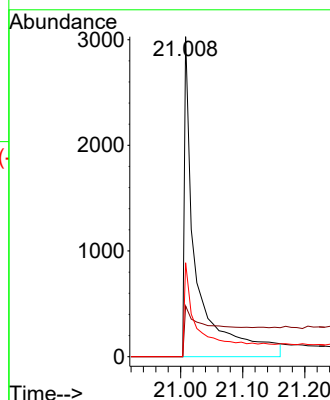
BNA_N

ClientSampleId :

BPOW6-11-HYD-20241008RE



Tgt Ion:	240	Resp:	4165
Ion Ratio	Lower	Upper	
240	100		
120	15.9	10.1	15.1#
236	29.3	22.6	34.0



#31

Terphenyl-d14

Concen: 0.577 ng

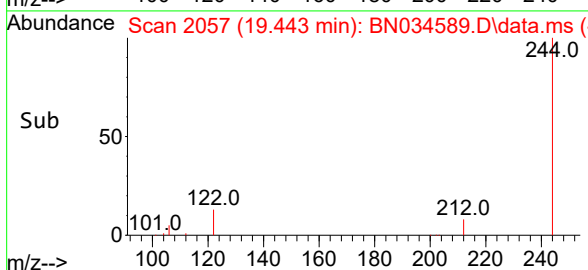
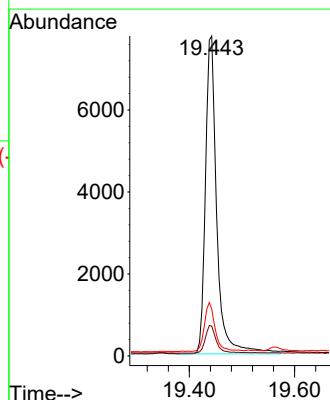
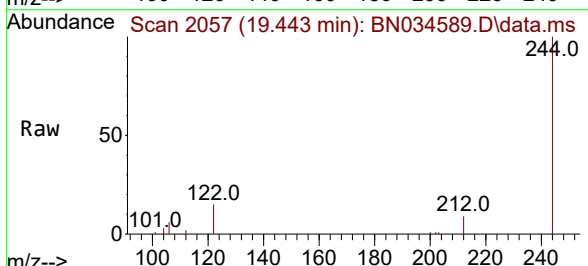
RT: 19.443 min Scan# 2057

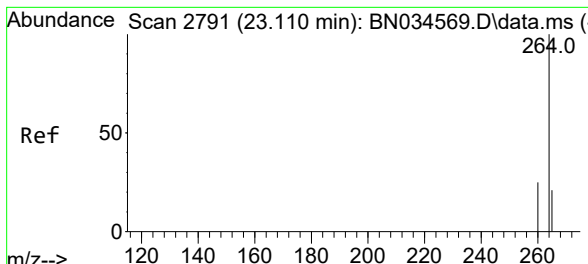
Delta R.T. -0.009 min

Lab File: BN034589.D

Acq: 15 Oct 2024 01:56

Tgt Ion:	244	Resp:	11604
Ion Ratio	Lower	Upper	
244	100		
212	9.3	7.7	11.5
122	14.6	12.6	19.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.098 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN034589.D
 Acq: 15 Oct 2024 01:56

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-11-HYD-20241008RE

Tgt Ion:264 Resp: 11578

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.9	31.3
265	73.4	61.6	92.4

