

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034130.D
 Acq On : 21 Sep 2024 18:27
 Operator : JU/RC
 Sample : P4116-20
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20240918

Quant Time: Sep 23 00:00:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

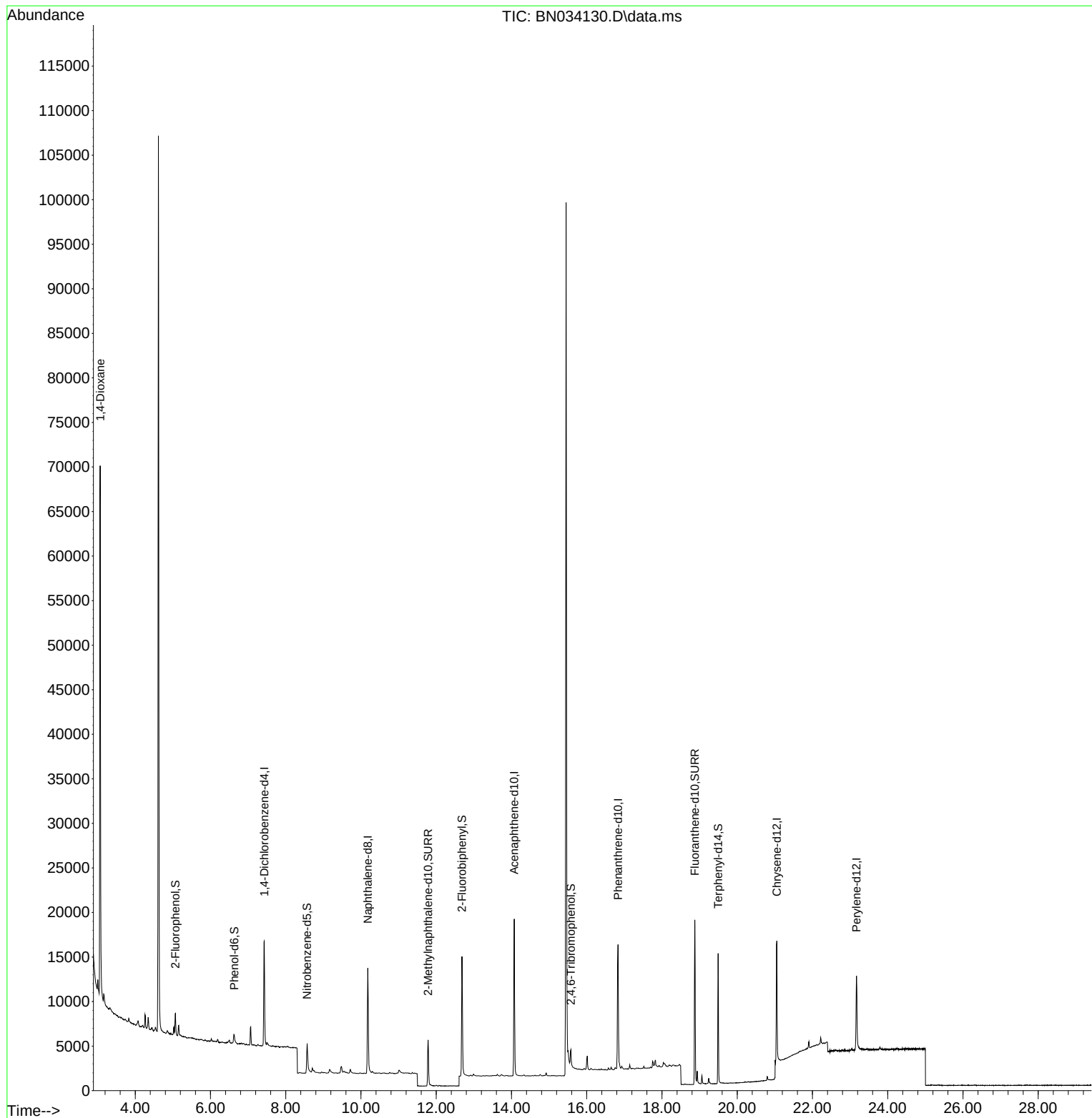
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5723	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	16236	0.400	ng	#-0.02
13) Acenaphthene-d10	14.073	164	9648	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	20970	0.400	ng	0.00
29) Chrysene-d12	21.053	240	14532	0.400	ng	# 0.00
35) Perylene-d12	23.168	264	11181	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1911	0.118	ng	0.00
5) Phenol-d6	6.629	99	1167	0.062	ng	0.00
8) Nitrobenzene-d5	8.568	82	3442	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	7624	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	1148	0.263	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	12360	0.315	ng	-0.02
27) Fluoranthene-d10	18.871	212	20351	0.385	ng	-0.02
31) Terphenyl-d14	19.494	244	13334	0.459	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	33585	4.694	ng	# 87

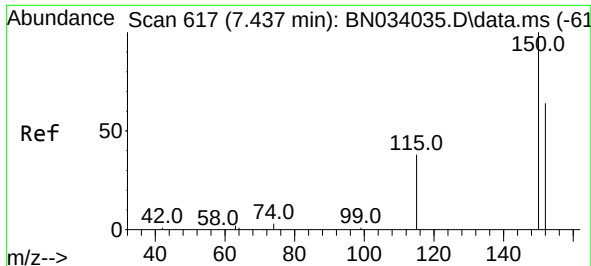
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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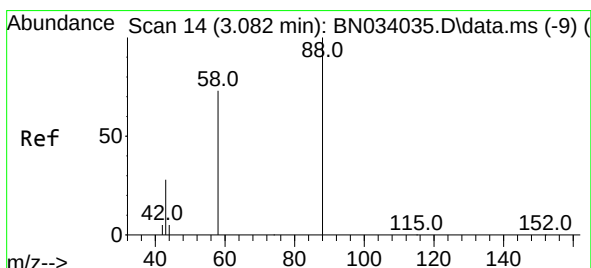
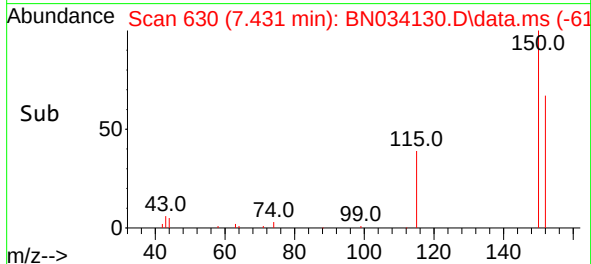
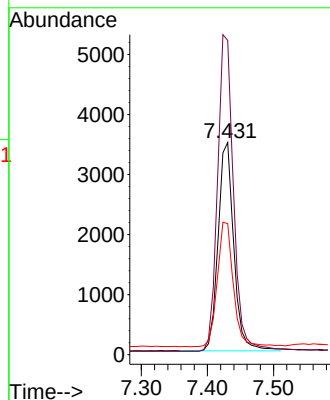
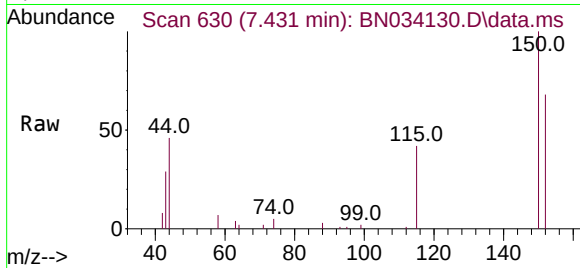




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.431 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BN034130.D
 Acq: 21 Sep 2024 18:27

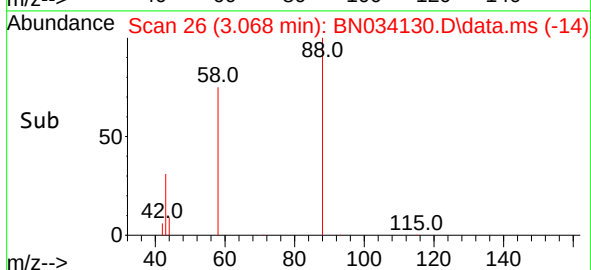
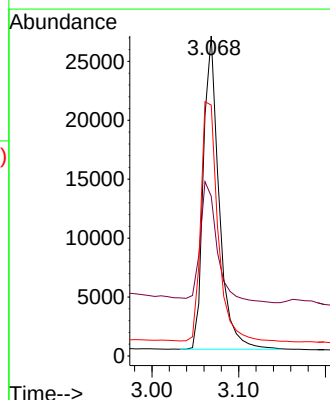
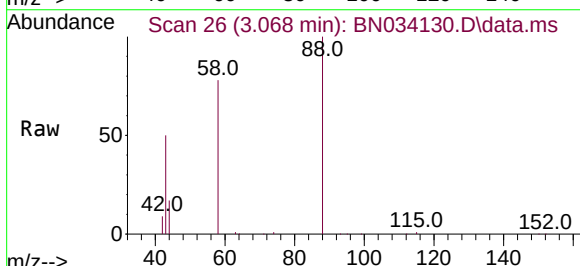
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20240918

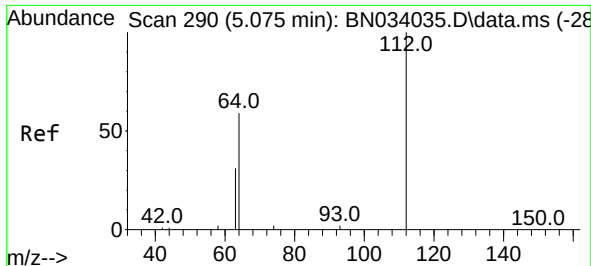
Tgt Ion:152 Resp: 5723
 Ion Ratio Lower Upper
 152 100
 150 148.1 124.6 187.0
 115 61.7 50.0 75.0



#2
 1,4-Dioxane
 Concen: 4.694 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034130.D
 Acq: 21 Sep 2024 18:27

Tgt Ion: 88 Resp: 33585
 Ion Ratio Lower Upper
 88 100
 43 41.8 25.8 38.8#
 58 83.3 58.8 88.2

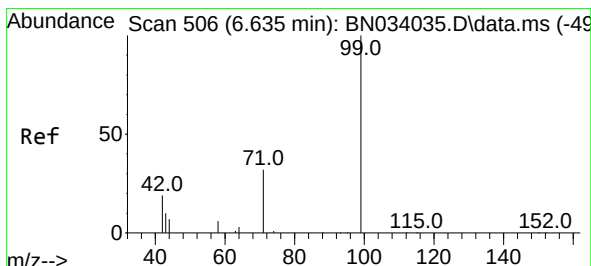
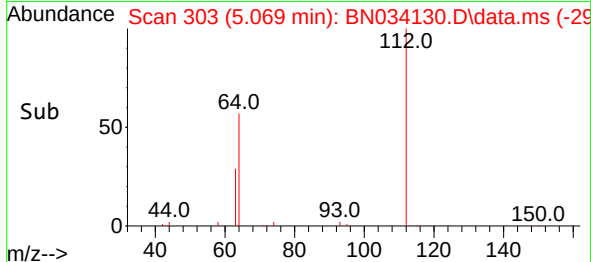
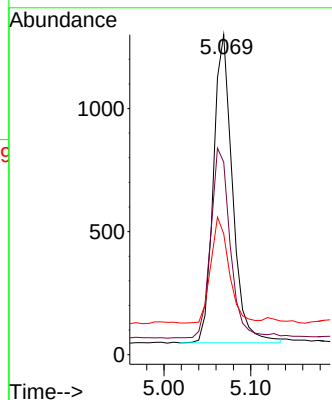
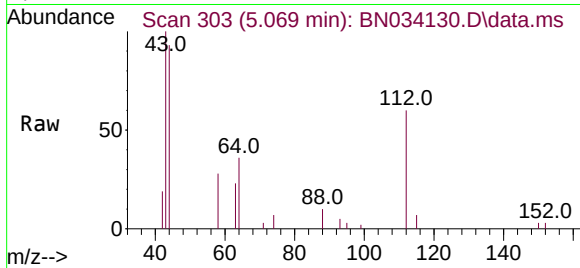




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

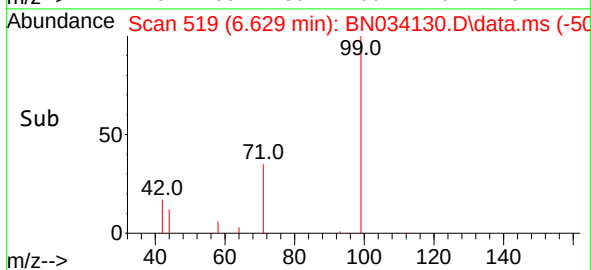
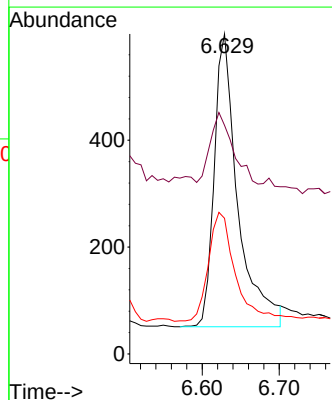
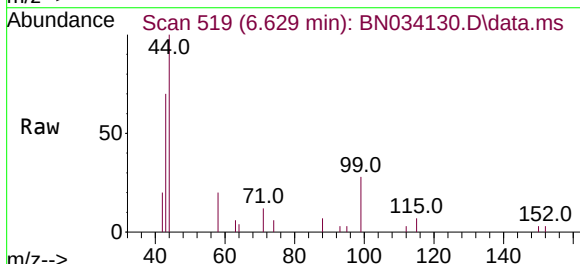
Instrument :
BNA_N
ClientSampleId :
RE132D2-20240918

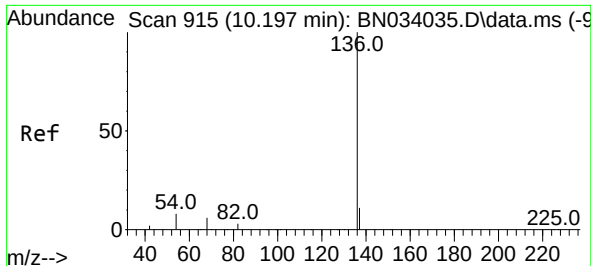
Tgt Ion:112 Resp: 1911
Ion Ratio Lower Upper
112 100
64 63.7 48.6 72.8
63 32.6 25.6 38.4



#5
Phenol-d6
Concen: 0.062 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Tgt Ion: 99 Resp: 1167
Ion Ratio Lower Upper
99 100
42 23.1 17.8 26.8
71 41.0 26.2 39.2#

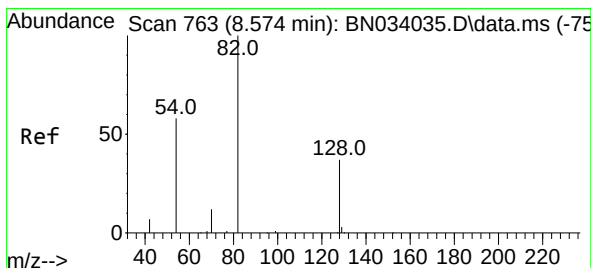
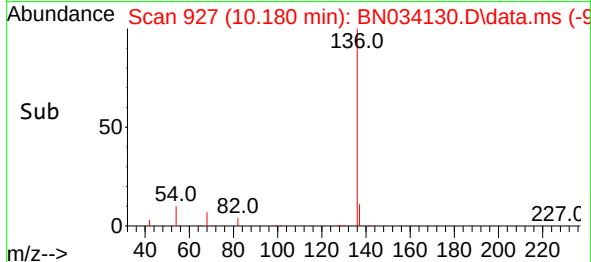
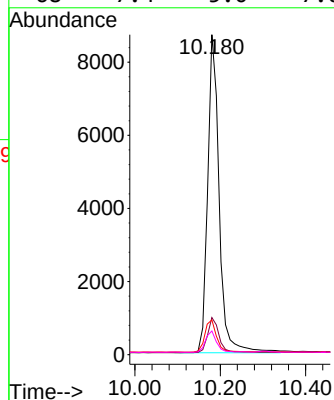
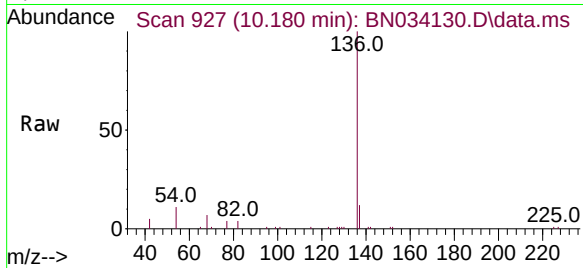




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

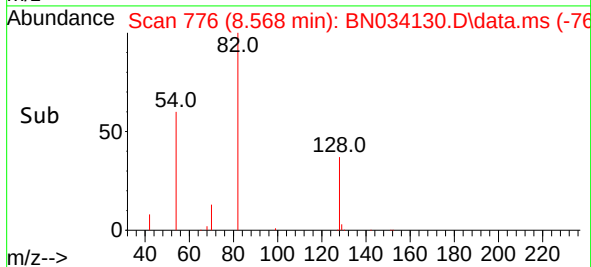
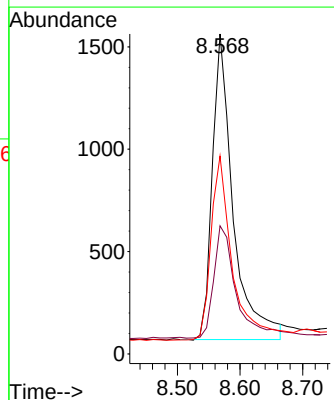
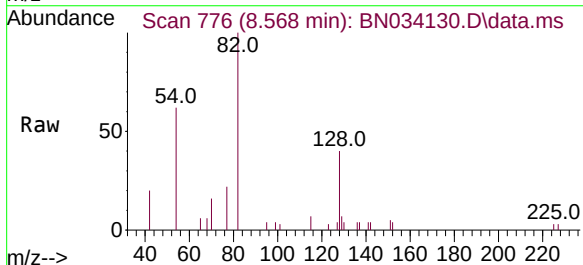
Instrument :
BNA_N
ClientSampleId :
RE132D2-20240918

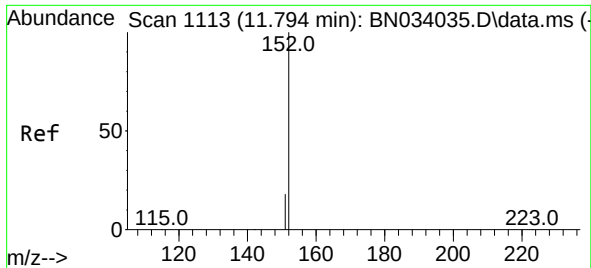
Tgt Ion:	136	Resp:	16236
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	10.9	6.8	10.2
68	7.4	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Tgt Ion:	82	Resp:	3442
Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.4	47.2
54	61.9	47.4	71.0

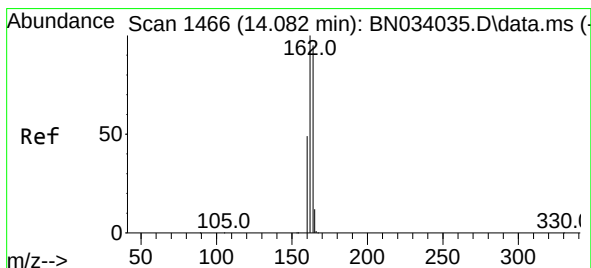
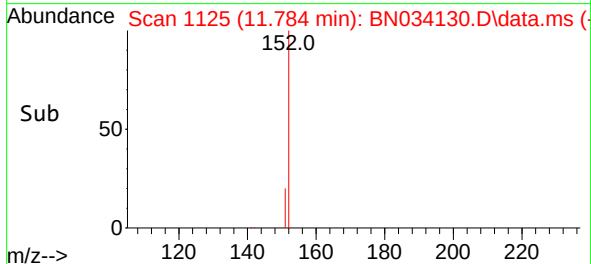
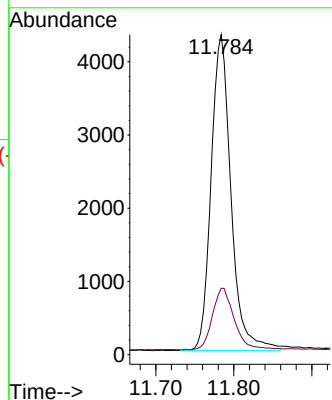
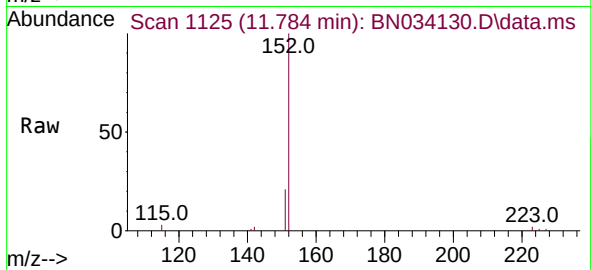




#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

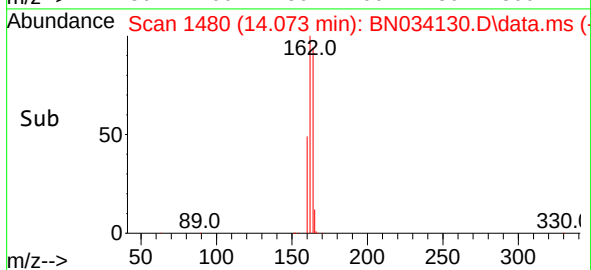
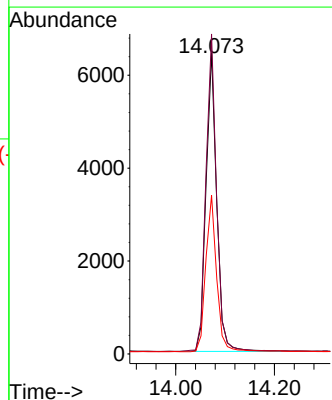
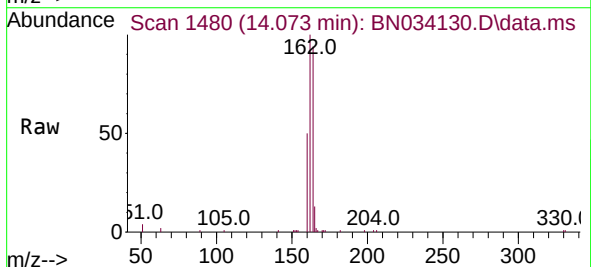
Instrument :
BNA_N
ClientSampleId :
RE132D2-20240918

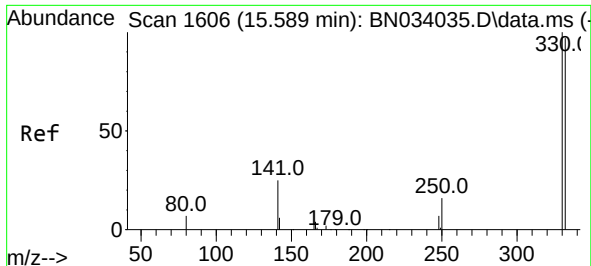
Tgt Ion:152 Resp: 7624
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.073 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

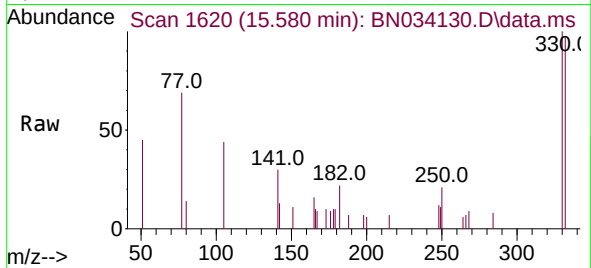
Tgt Ion:164 Resp: 9648
Ion Ratio Lower Upper
164 100
162 106.2 84.2 126.2
160 52.7 41.7 62.5



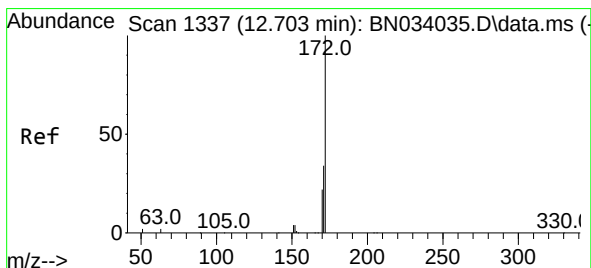
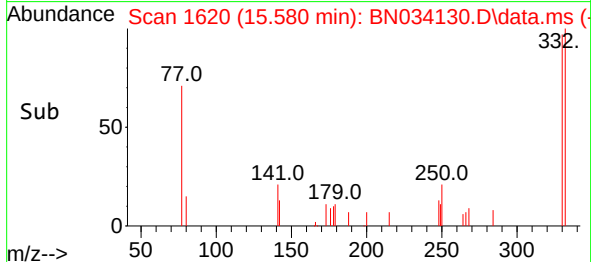
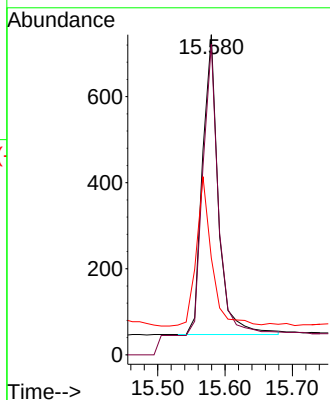


#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.580 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Instrument :
BNA_N
ClientSampleId :
RE132D2-20240918

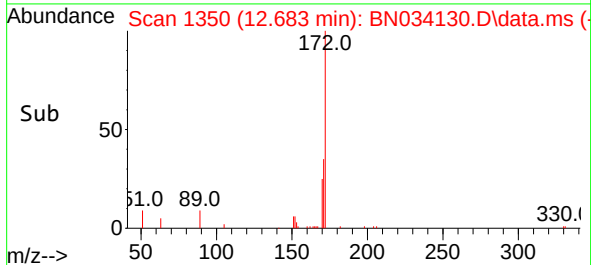
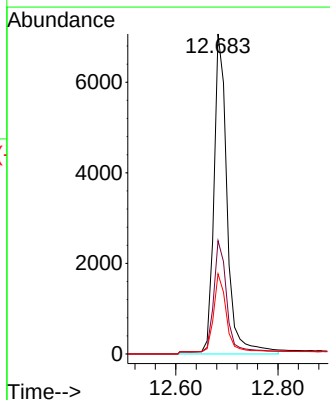
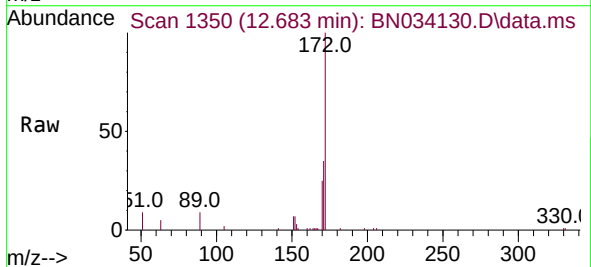


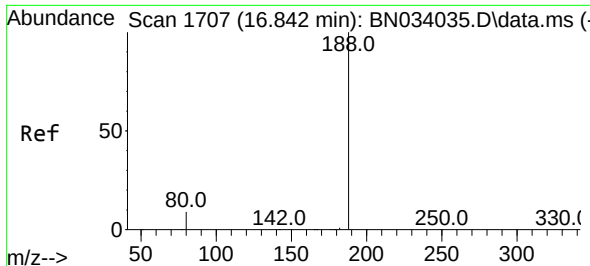
Tgt Ion:330 Resp: 1148
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 48.1 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Tgt Ion:172 Resp: 12360
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 25.0 18.1 27.1

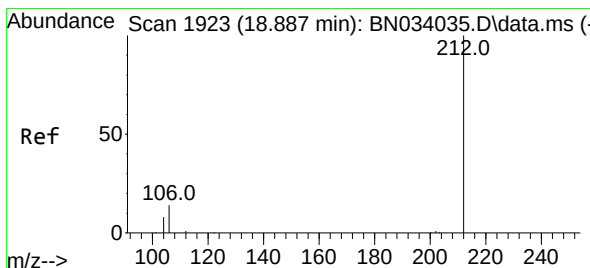
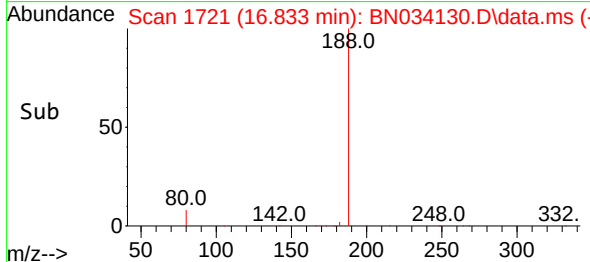
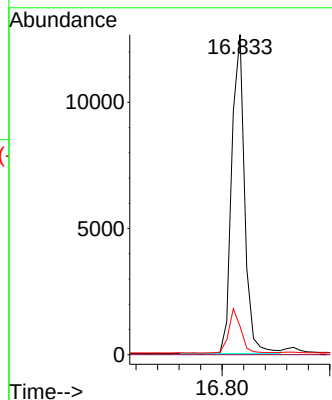
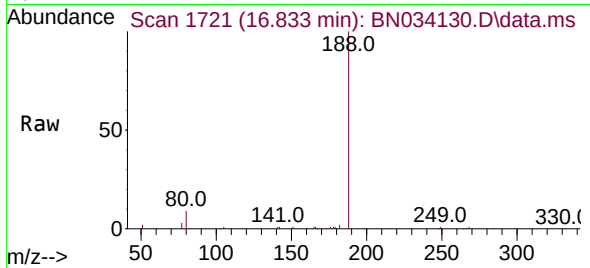




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

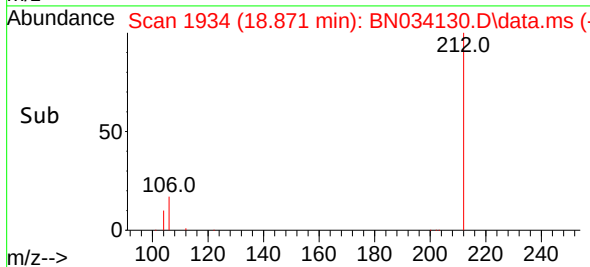
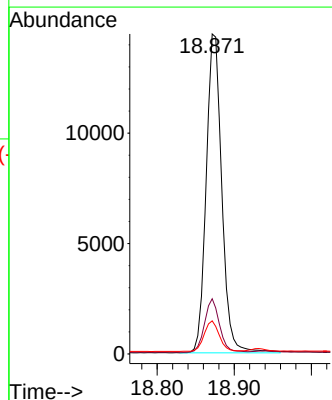
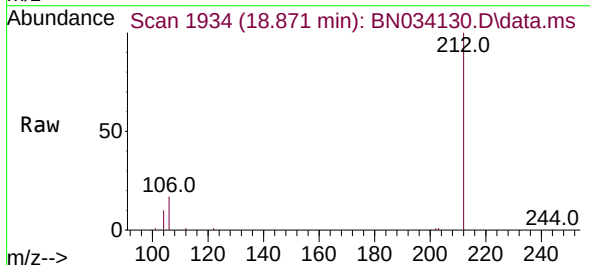
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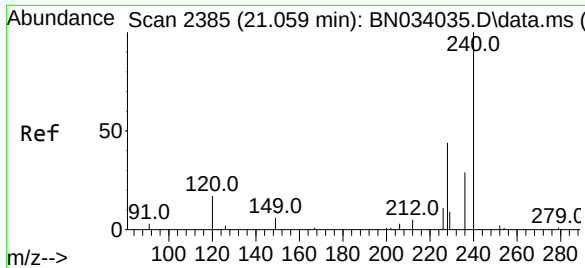
Tgt Ion:188 Resp: 20970
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 18.871 min Scan# 1934
Delta R.T. -0.015 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Tgt Ion:212 Resp: 20351
Ion Ratio Lower Upper
212 100
106 15.9 13.4 20.2
104 9.3 7.8 11.6

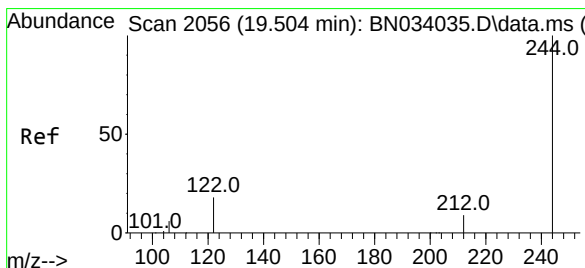
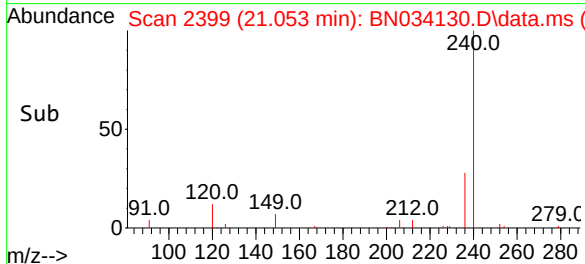
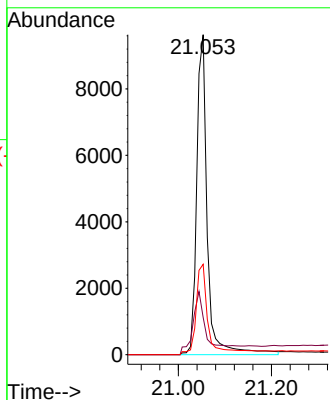
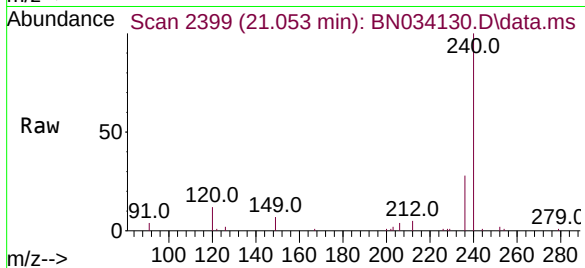




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

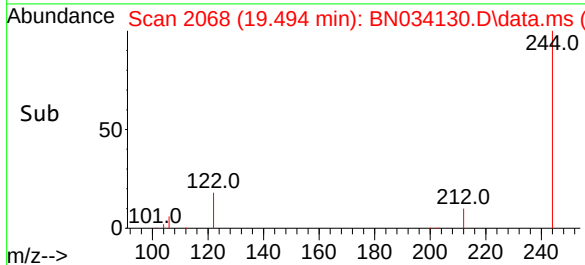
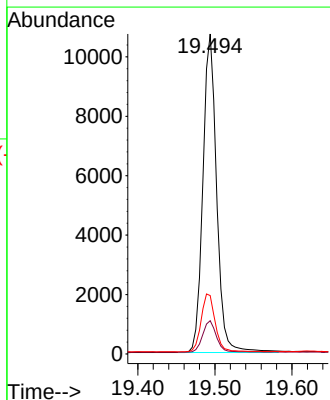
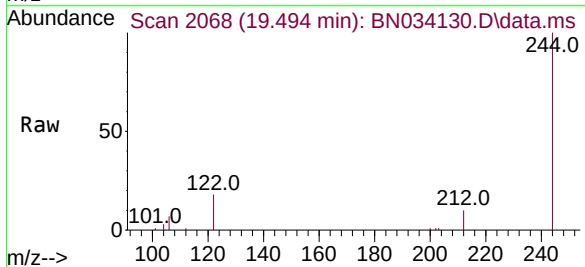
Instrument :
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RE132D2-20240918

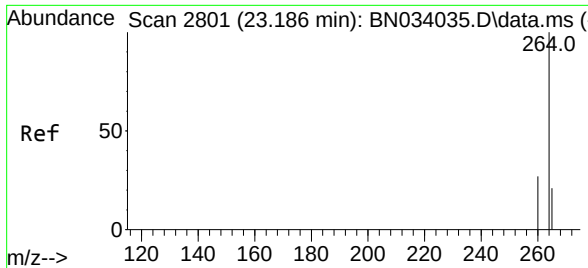
Tgt Ion:240 Resp: 14532
Ion Ratio Lower Upper
240 100
120 11.6 13.5 20.3#
236 28.3 23.4 35.0



#31
Terphenyl-d14
Concen: 0.459 ng
RT: 19.494 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Tgt Ion:244 Resp: 13334
Ion Ratio Lower Upper
244 100
212 10.4 7.8 11.6
122 18.2 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Instrument :
BNA_N
ClientSampleId :
RE132D2-20240918

Tgt Ion:	264	Resp:	11181
Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.7	32.5
265	68.0	52.1	78.1

