

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034132.D
 Acq On : 21 Sep 2024 19:39
 Operator : JU/RC
 Sample : P4116-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20240918

Quant Time: Sep 23 00:00:39 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)

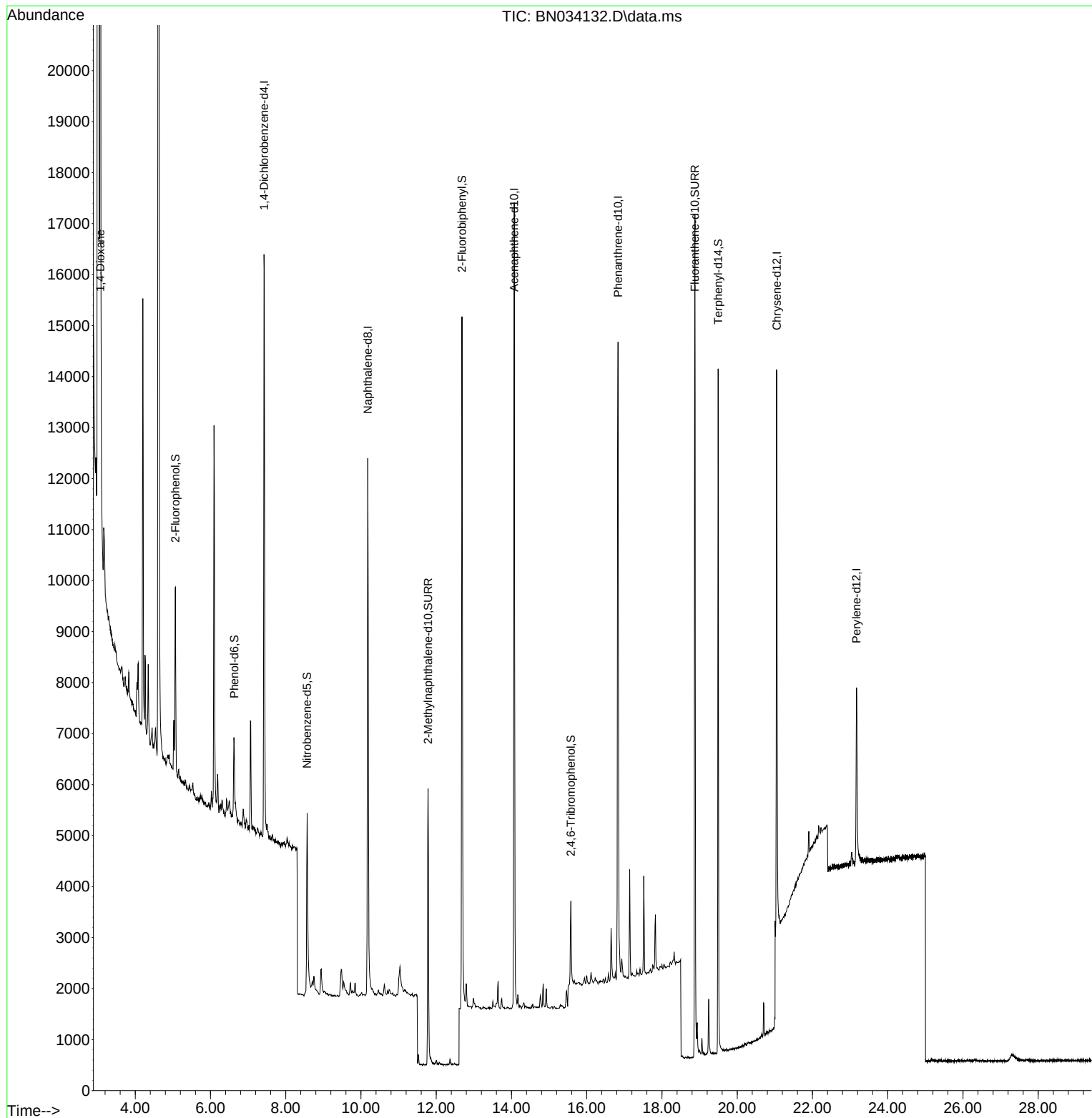
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5419	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14941	0.400	ng	#-0.02
13) Acenaphthene-d10	14.073	164	8797	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18932	0.400	ng	0.00
29) Chrysene-d12	21.053	240	12437	0.400	ng	# 0.00
35) Perylene-d12	23.171	264	4896	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	2793	0.182	ng	0.00
5) Phenol-d6	6.629	99	1784	0.100	ng	0.00
8) Nitrobenzene-d5	8.568	82	3719	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	7914	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	1016	0.255	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	12640	0.353	ng	-0.02
27) Fluoranthene-d10	18.876	212	19164	0.401	ng	-0.01
31) Terphenyl-d14	19.494	244	12319	0.496	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	33204	4.901	ng	# 86

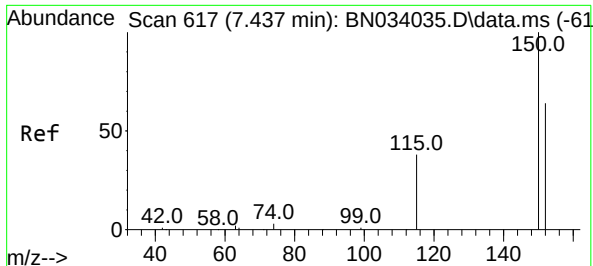
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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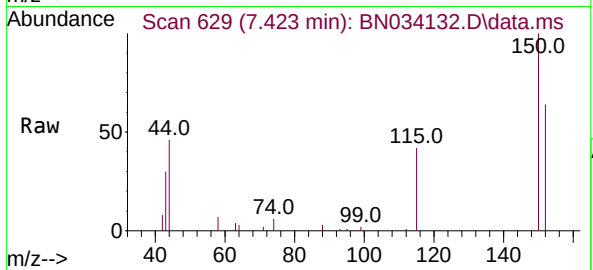
Quant Time: Sep 23 00:00:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration



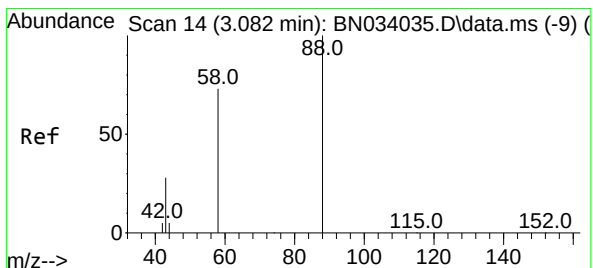
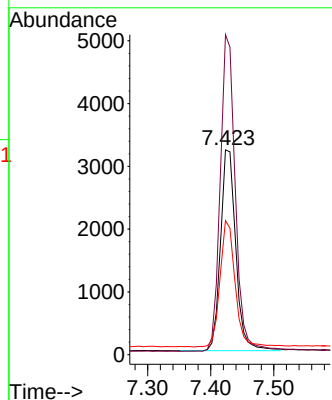
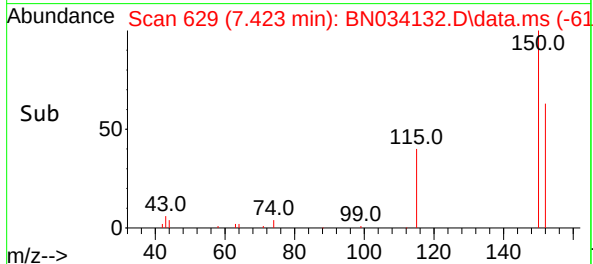


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.423 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN034132.D
 Acq: 21 Sep 2024 19:39

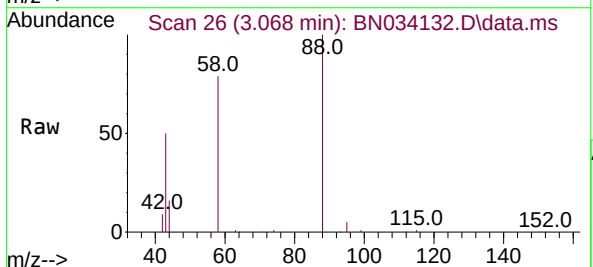
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20240918



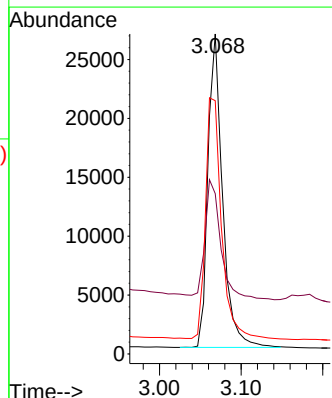
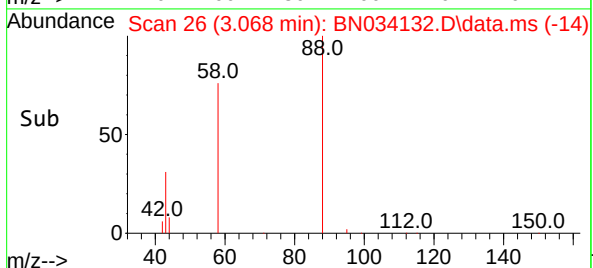
Tgt Ion:152 Resp: 5419
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 187.0
 115 65.5 50.0 75.0

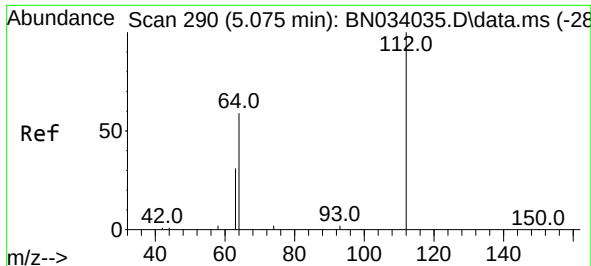


#2
 1,4-Dioxane
 Concen: 4.901 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034132.D
 Acq: 21 Sep 2024 19:39



Tgt Ion: 88 Resp: 33204
 Ion Ratio Lower Upper
 88 100
 43 41.8 25.8 38.8#
 58 84.4 58.8 88.2

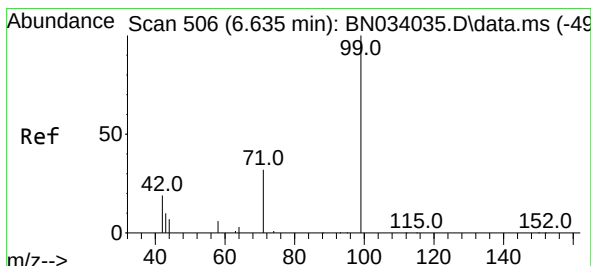
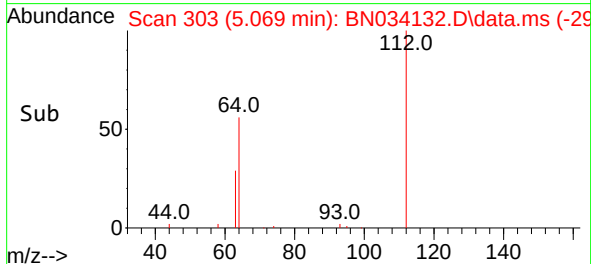
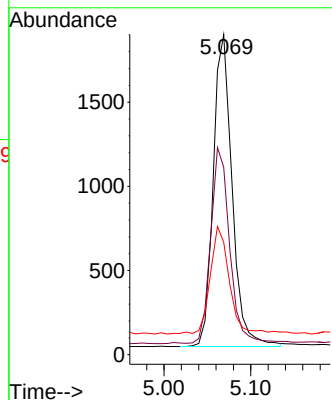
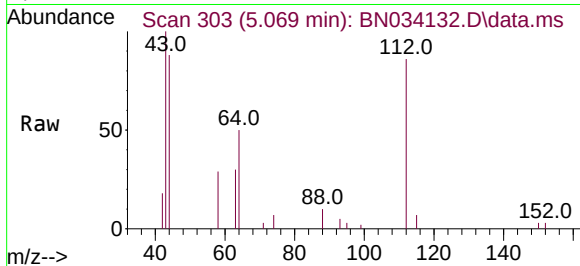




#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034132.D
Acq: 21 Sep 2024 19:39

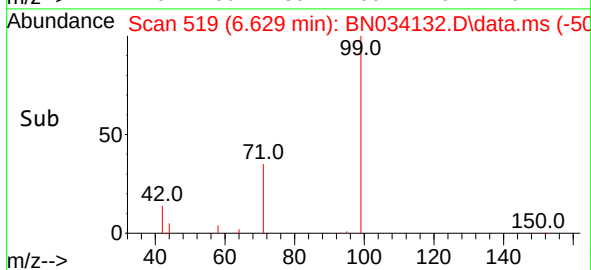
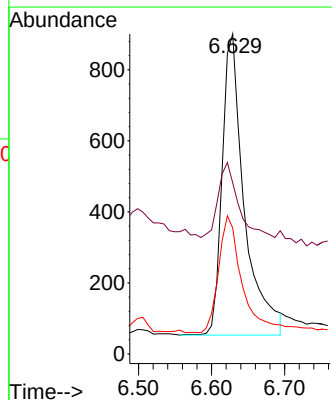
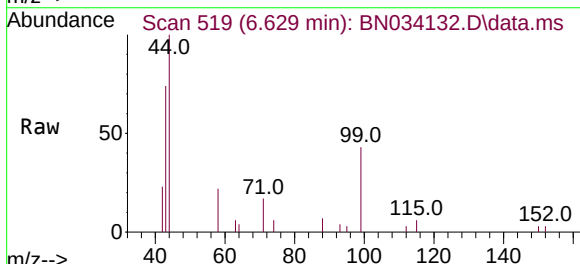
Instrument :
BNA_N
ClientSampleId :
RE132D4-20240918

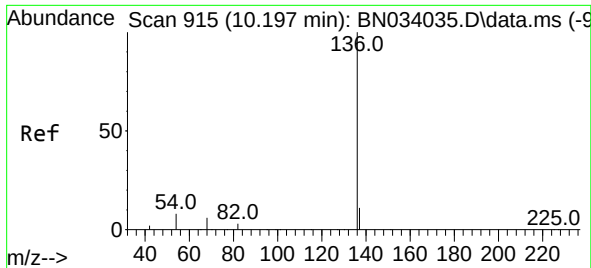
Tgt Ion:	112	Resp:	2793
Ion	Ratio	Lower	Upper
112	100		
64	62.9	48.6	72.8
63	35.1	25.6	38.4



#5
Phenol-d6
Concen: 0.100 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034132.D
Acq: 21 Sep 2024 19:39

Tgt Ion:	99	Resp:	1784
Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.8	26.8
71	40.2	26.2	39.2

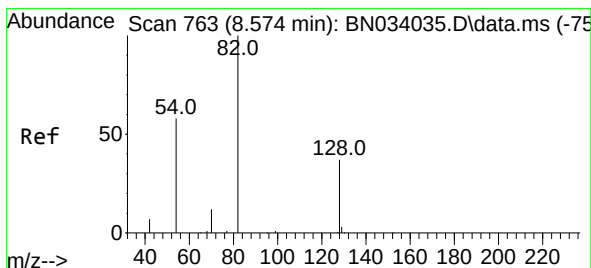
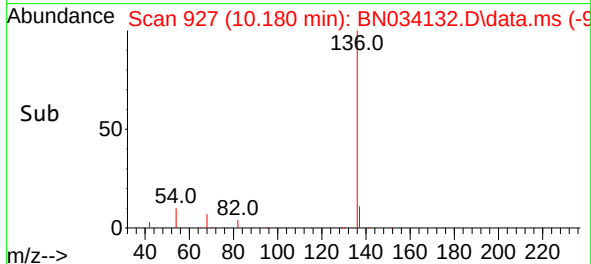
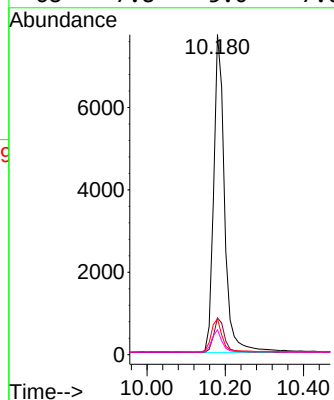
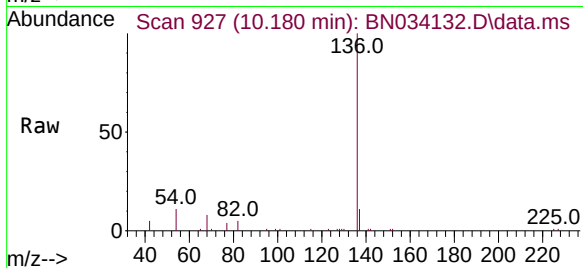




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034132.D
Acq: 21 Sep 2024 19:39

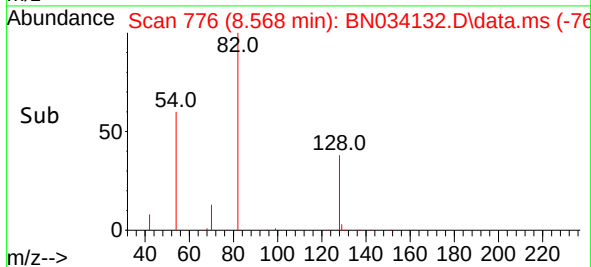
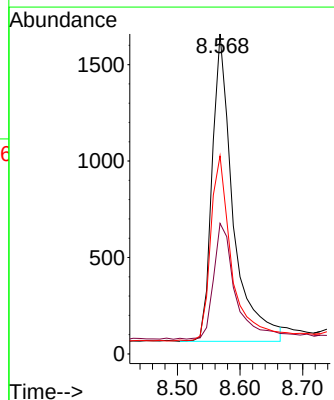
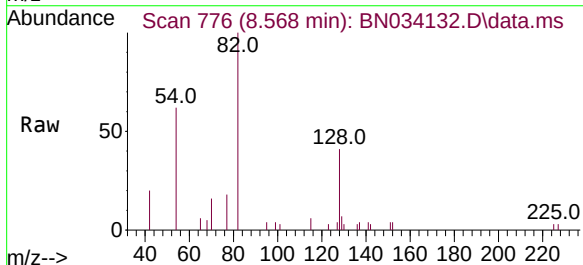
Instrument :
BNA_N
ClientSampleId :
RE132D4-20240918

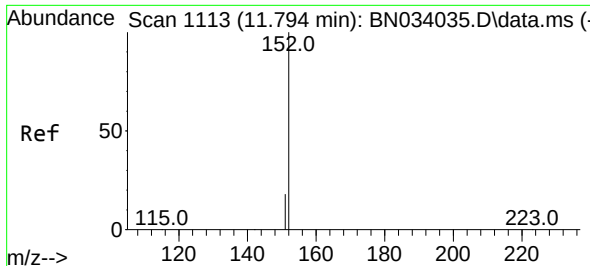
Tgt Ion:	136	Resp:	14941
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	11.3	6.8	10.2#
68	7.8	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034132.D
Acq: 21 Sep 2024 19:39

Tgt Ion:	82	Resp:	3719
Ion Ratio	Lower	Upper	
82	100		
128	40.8	31.4	47.2
54	61.9	47.4	71.0

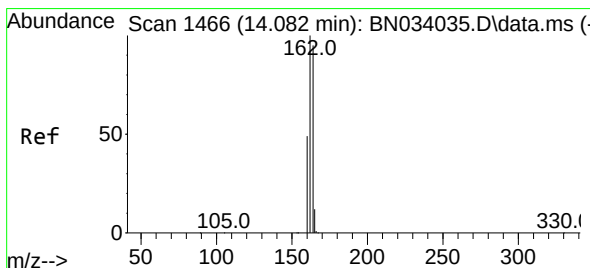
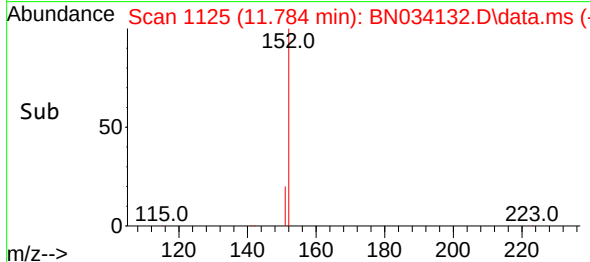
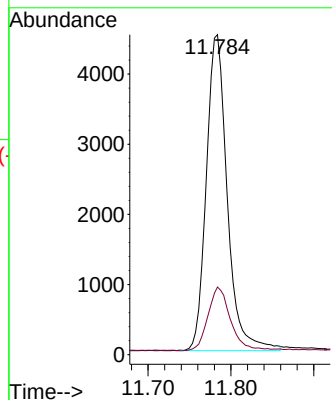
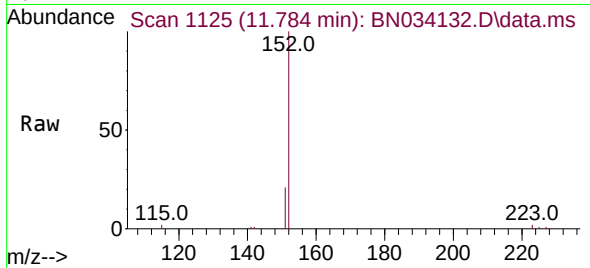




#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 11.784 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN034132.D
Acq: 21 Sep 2024 19:39

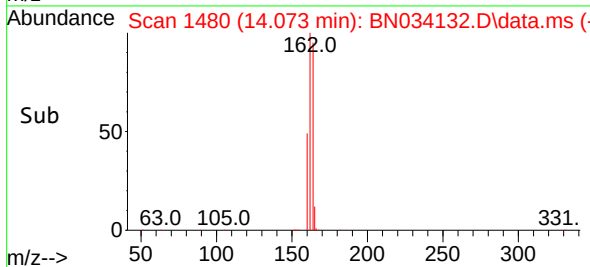
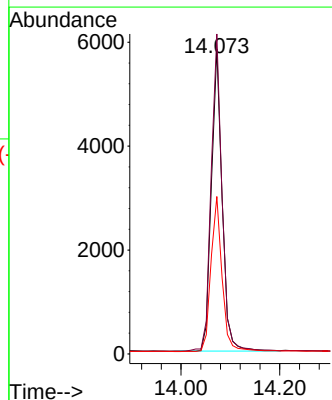
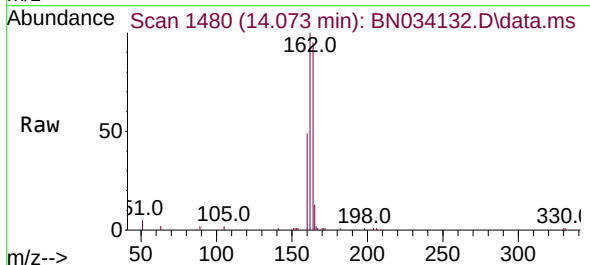
Instrument :
BNA_N
ClientSampleId :
RE132D4-20240918

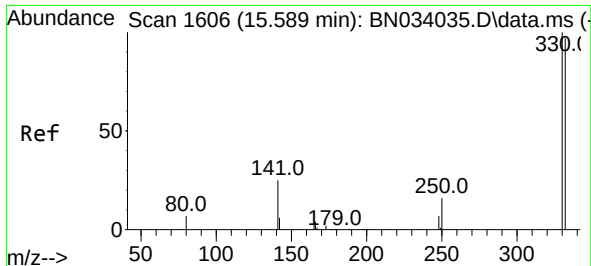
Tgt Ion:152 Resp: 7914
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.073 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034132.D
Acq: 21 Sep 2024 19:39

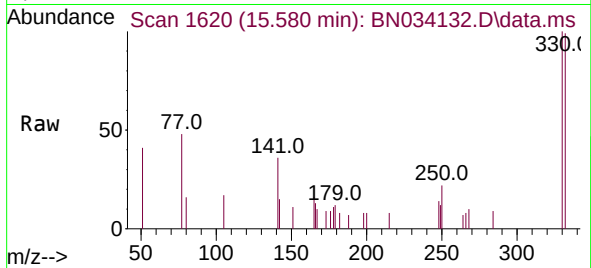
Tgt Ion:164 Resp: 8797
Ion Ratio Lower Upper
164 100
162 104.9 84.2 126.2
160 51.6 41.7 62.5



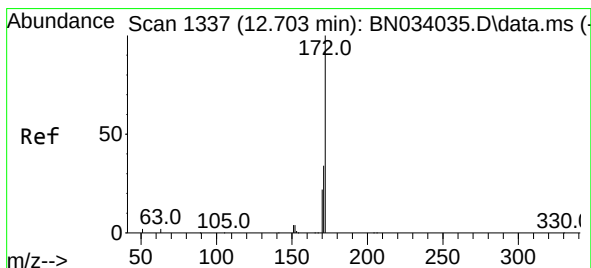
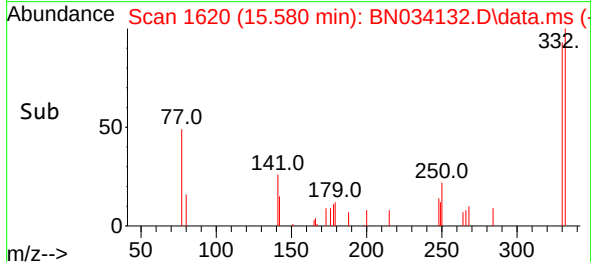
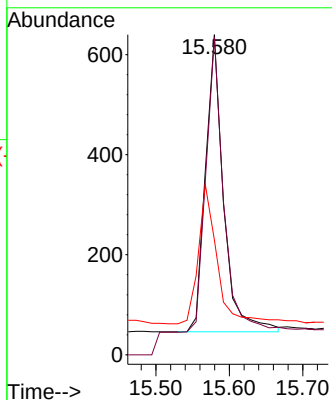


#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.580 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034132.D
Acq: 21 Sep 2024 19:39

Instrument :
BNA_N
ClientSampleId :
RE132D4-20240918

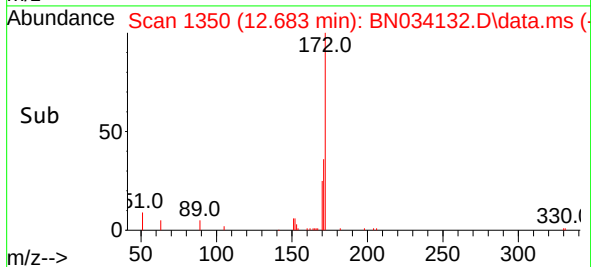
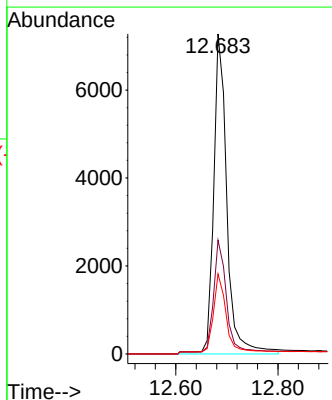
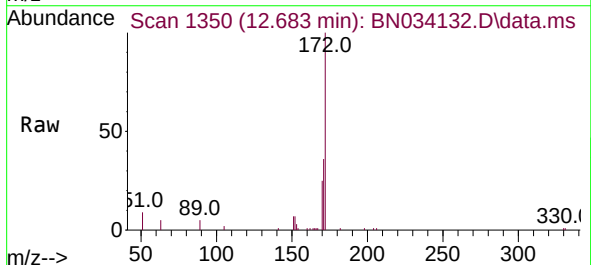


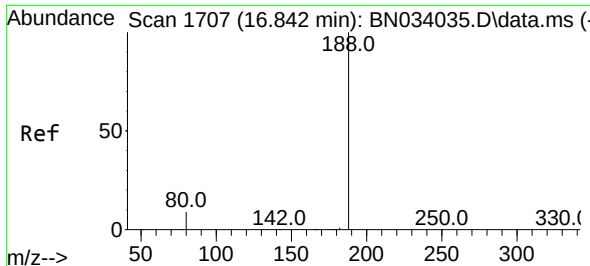
Tgt Ion:330 Resp: 1016
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.0
141 49.1 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034132.D
Acq: 21 Sep 2024 19:39

Tgt Ion:172 Resp: 12640
Ion Ratio Lower Upper
172 100
171 35.5 27.3 40.9
170 25.0 18.1 27.1

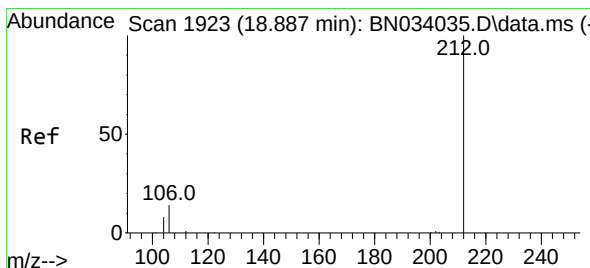
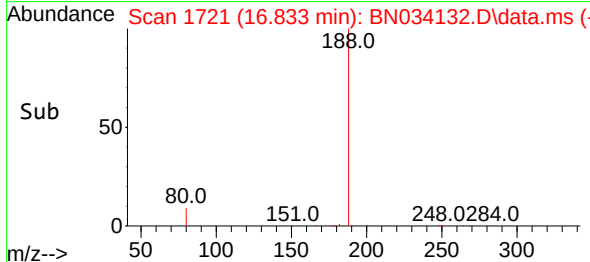
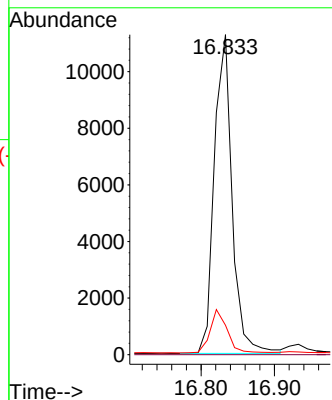
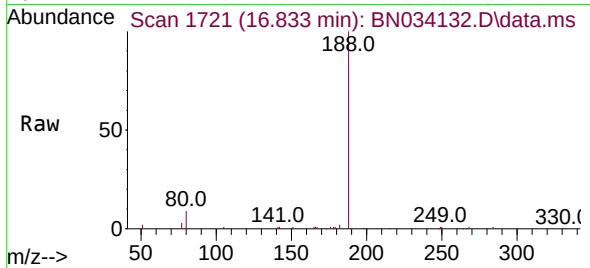




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034132.D
Acq: 21 Sep 2024 19:39

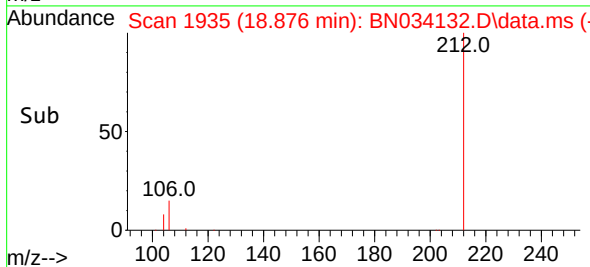
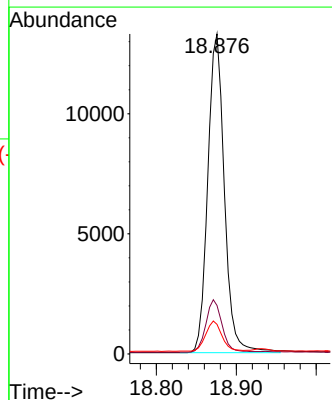
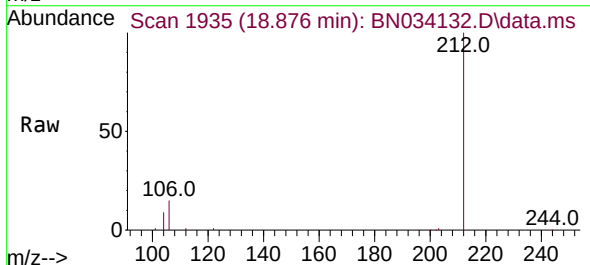
Instrument :
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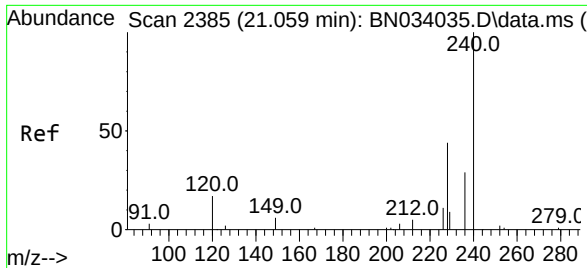
Tgt Ion:188 Resp: 18932
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034132.D
Acq: 21 Sep 2024 19:39

Tgt Ion:212 Resp: 19164
Ion Ratio Lower Upper
212 100
106 16.1 13.4 20.2
104 9.3 7.8 11.6

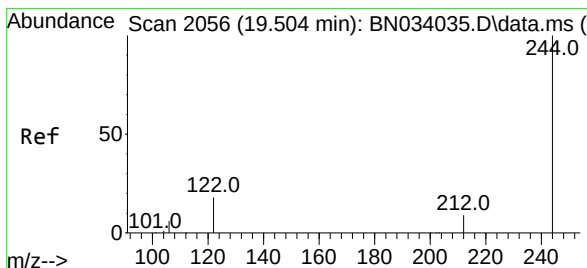
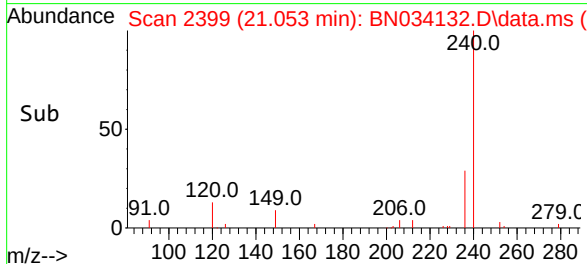
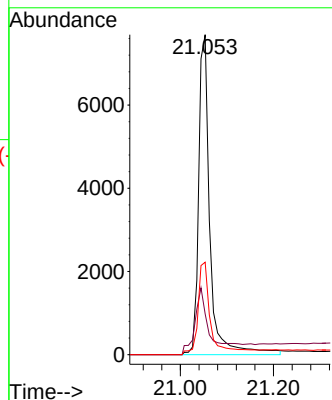
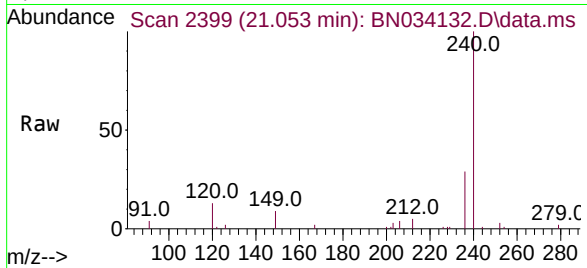




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034132.D
Acq: 21 Sep 2024 19:39

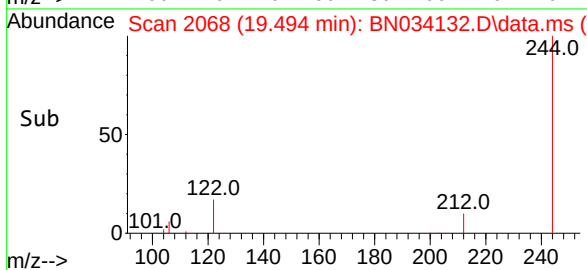
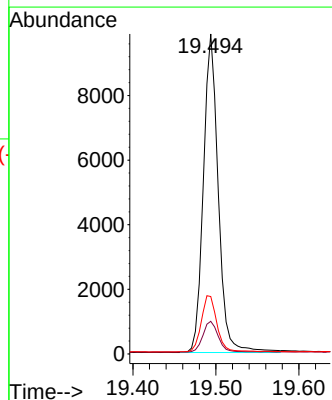
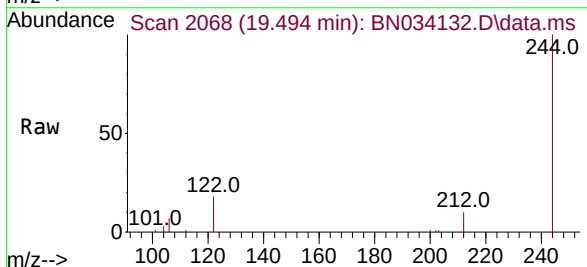
Instrument :
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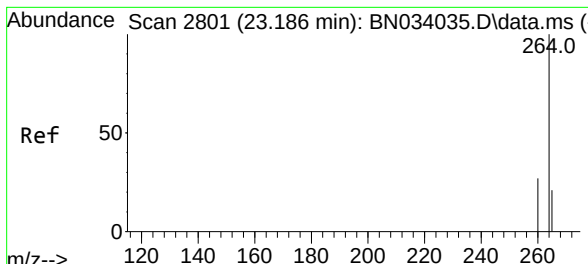
Tgt Ion:240 Resp: 12437
Ion Ratio Lower Upper
240 100
120 12.7 13.5 20.3#
236 28.9 23.4 35.0



#31
Terphenyl-d14
Concen: 0.496 ng
RT: 19.494 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BN034132.D
Acq: 21 Sep 2024 19:39

Tgt Ion:244 Resp: 12319
Ion Ratio Lower Upper
244 100
212 10.2 7.8 11.6
122 18.0 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.171 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN034132.D
 Acq: 21 Sep 2024 19:39

Instrument : BNA_N
 ClientSampleId : RE132D4-20240918

Tgt Ion:264 Resp: 4896

Ion	Ratio	Lower	Upper
264	100		
260	28.3	21.7	32.5
265	132.2	52.1	78.1

