

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
 Data File : BN027739.D
 Acq On : 18 Sep 2023 18:05
 Operator : MA/JU
 Sample : 04437-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-200-202

Quant Time: Sep 19 04:03:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 14:40:21 2023
 Response via : Initial Calibration

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

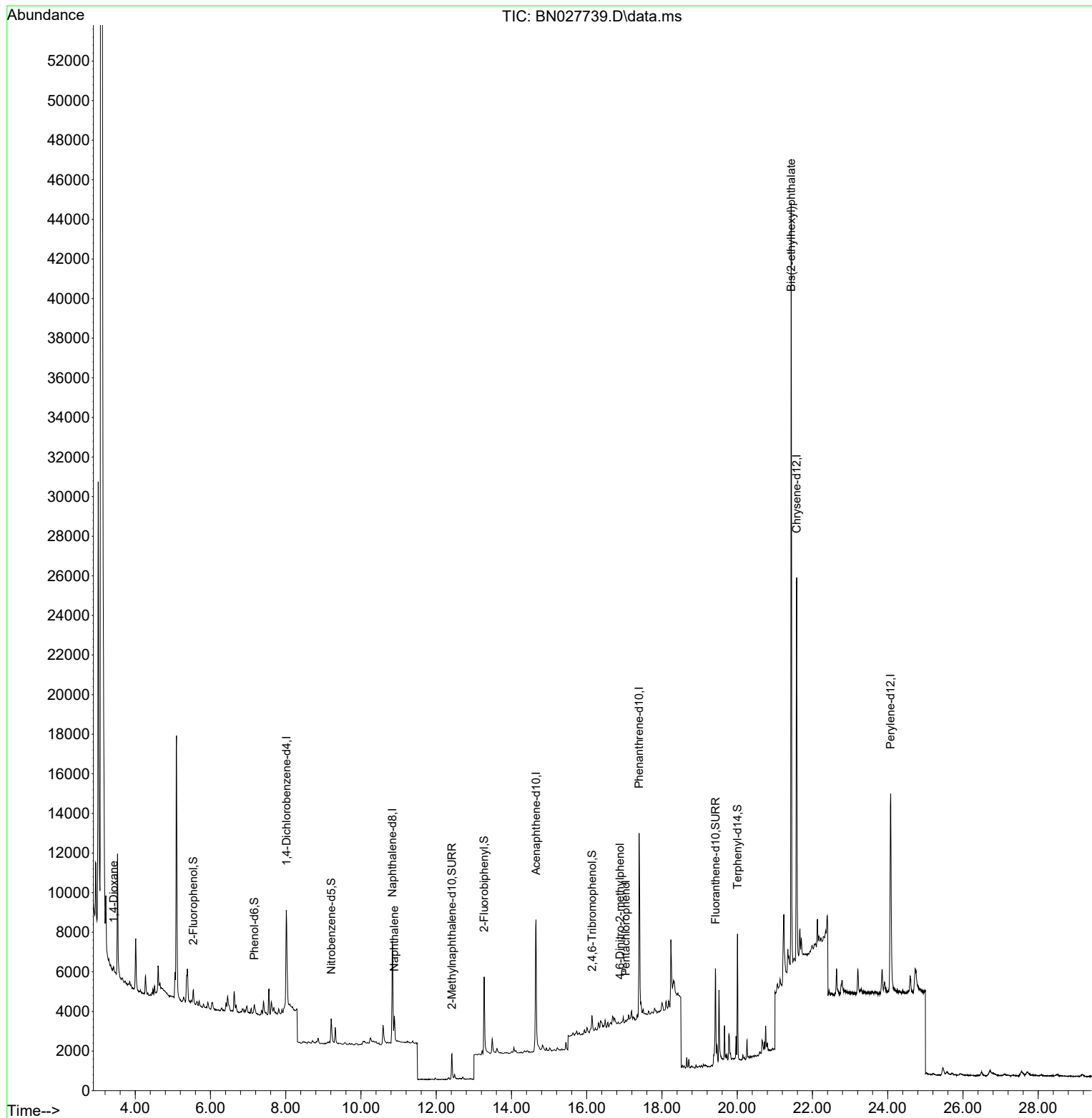
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	2374	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	7639	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	4989	0.400	ng	0.01
19) Phenanthrene-d10	17.393	188	13296	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	14484	0.400	ng	# 0.00
35) Perylene-d12	24.077	264	16123	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.545	112	631	0.101	ng	0.00
5) Phenol-d6	7.163	99	531	0.070	ng	0.00
8) Nitrobenzene-d5	9.208	82	1239	0.200	ng	0.00
11) 2-Methylnaphthalene-d10	12.415	152	2054	0.182	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	525	0.225	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	4105	0.242	ng	0.00
27) Fluoranthene-d10	19.421	212	5022	0.135	ng	0.00
31) Terphenyl-d14	20.006	244	5883	0.216	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.429	88	258	0.093	ng	# 53
9) Naphthalene	10.885	128	680	0.032	ng	# 59
20) 4,6-Dinitro-2-methylph...	16.884	198	10	0.049	ng	# 1
24) Pentachlorophenol	17.033	266	83	0.022	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.435	149	34627	1.420	ng	98

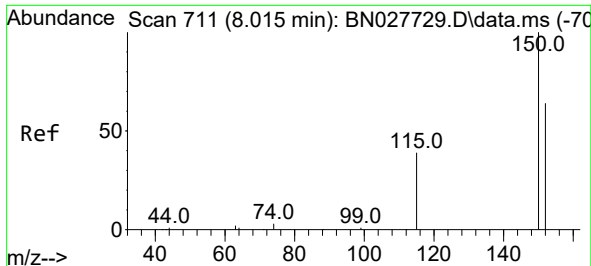
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
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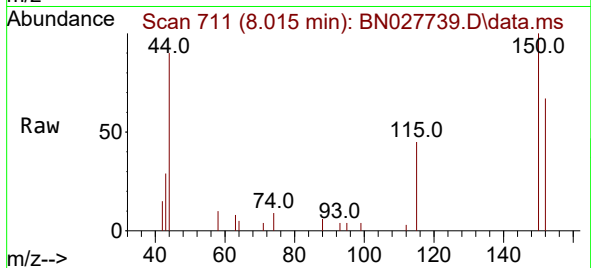
Quant Time: Sep 19 04:03:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
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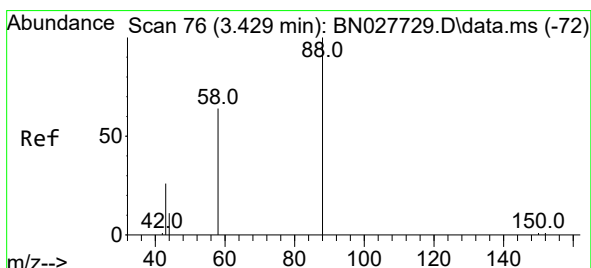
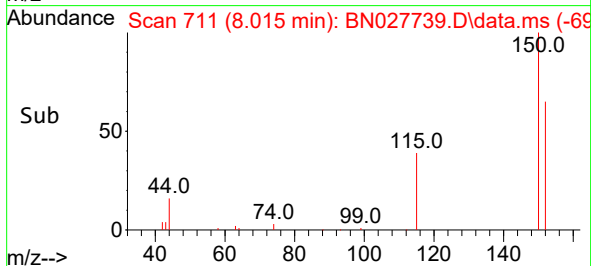
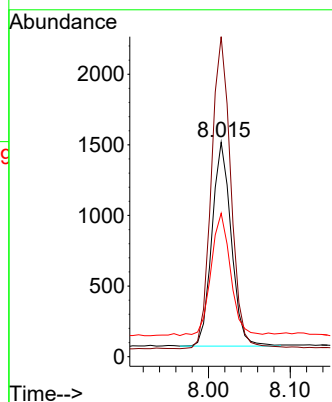
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.015 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: BN027739.D
 Acq: 18 Sep 2023 18:05

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-200-202



Tgt Ion: 152 Resp: 2374

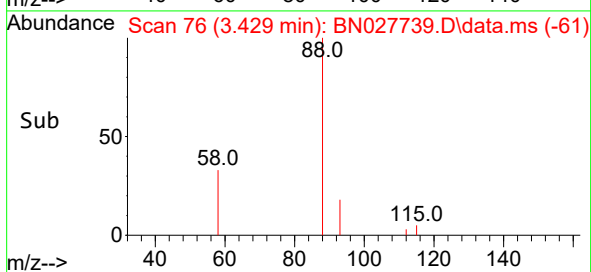
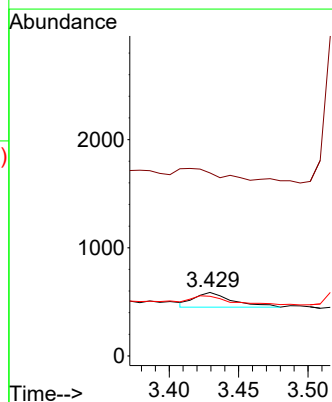
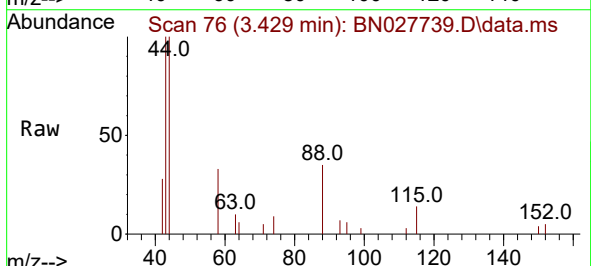
Ion	Ratio	Lower	Upper
152	100		
150	149.3	119.2	178.8
115	66.9	53.8	80.8

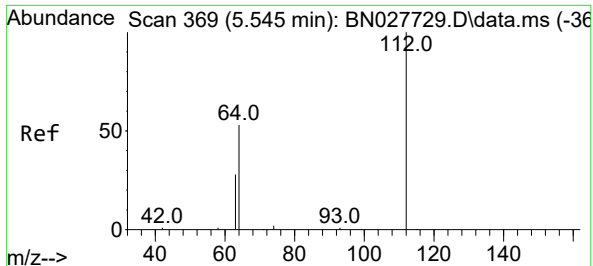


#2
 1,4-Dioxane
 Concen: 0.093 ng
 RT: 3.429 min Scan# 76
 Delta R.T. 0.007 min
 Lab File: BN027739.D
 Acq: 18 Sep 2023 18:05

Tgt Ion: 88 Resp: 258

Ion	Ratio	Lower	Upper
88	100		
43	93.0	21.5	32.3
58	56.2	54.4	81.6

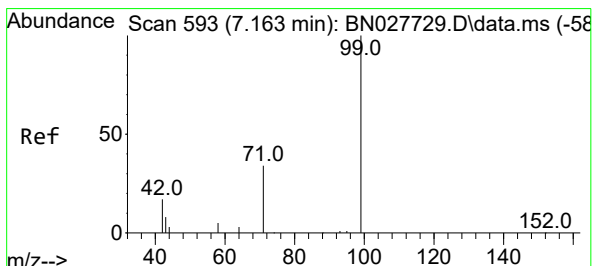
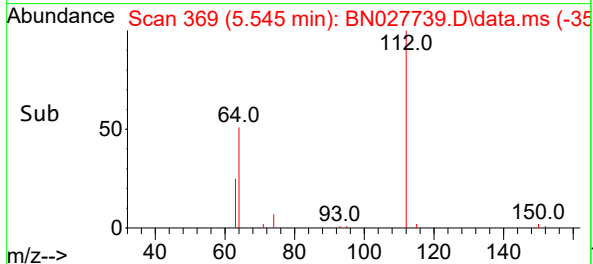
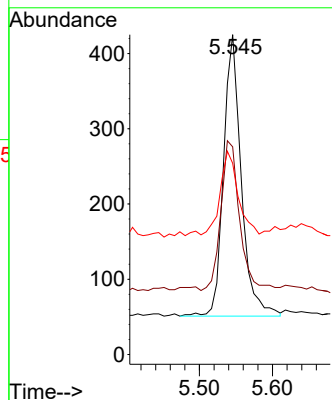
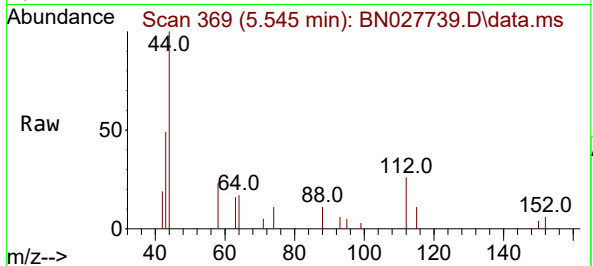




#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.545 min Scan# 369
Delta R.T. 0.000 min
Lab File: BN027739.D
Acq: 18 Sep 2023 18:05

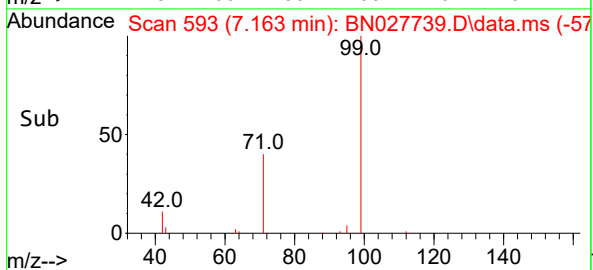
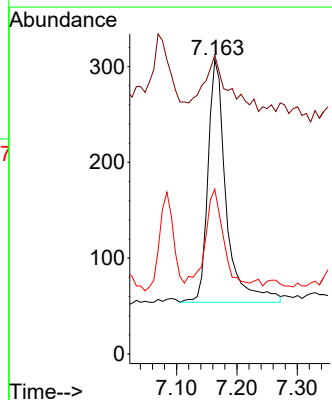
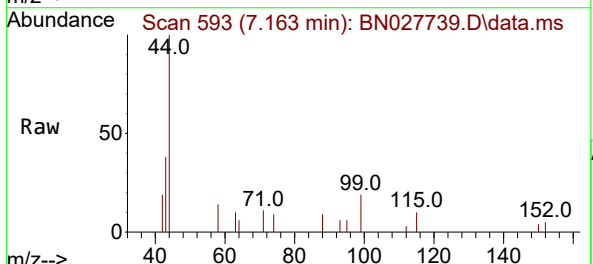
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-200-202

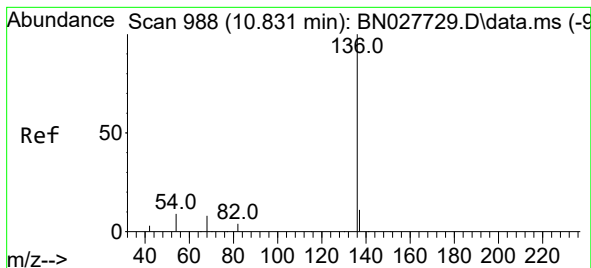
Tgt Ion:112 Resp: 631
Ion Ratio Lower Upper
112 100
64 55.9 45.0 67.6
63 31.4 24.1 36.1



#5
Phenol-d6
Concen: 0.070 ng
RT: 7.163 min Scan# 593
Delta R.T. 0.007 min
Lab File: BN027739.D
Acq: 18 Sep 2023 18:05

Tgt Ion: 99 Resp: 531
Ion Ratio Lower Upper
99 100
42 26.4 15.8 23.8#
71 37.3 27.3 40.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.831 min Scan# 988

Delta R.T. 0.000 min

Lab File: BN027739.D

Acq: 18 Sep 2023 18:05

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-200-202

Tgt Ion:136 Resp: 7639

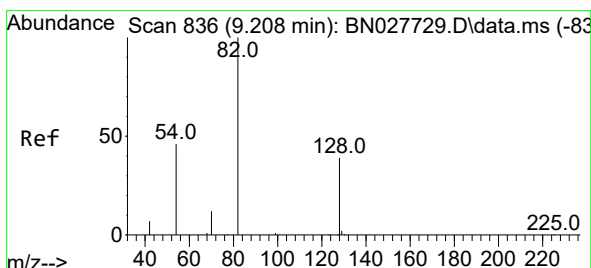
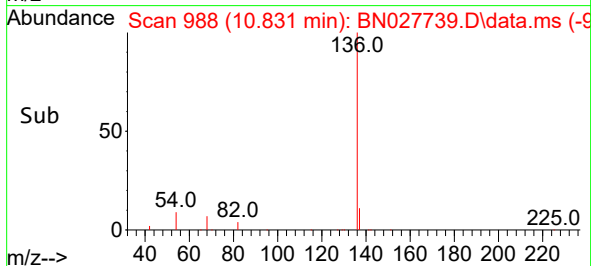
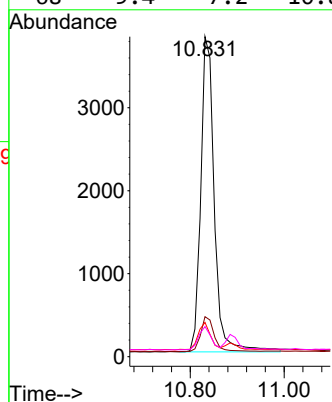
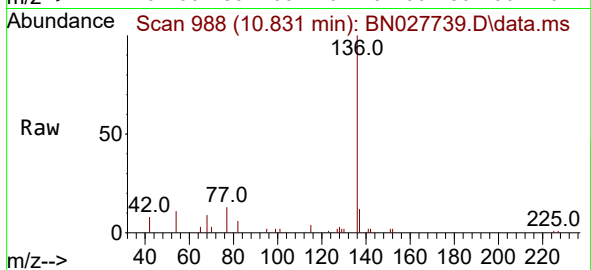
Ion Ratio Lower Upper

136 100

137 12.5 9.8 14.8

54 10.7 7.8 11.6

68 9.4 7.2 10.8



#8

Nitrobenzene-d5

Concen: 0.200 ng

RT: 9.208 min Scan# 836

Delta R.T. 0.000 min

Lab File: BN027739.D

Acq: 18 Sep 2023 18:05

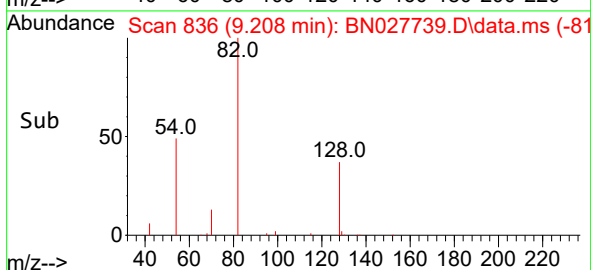
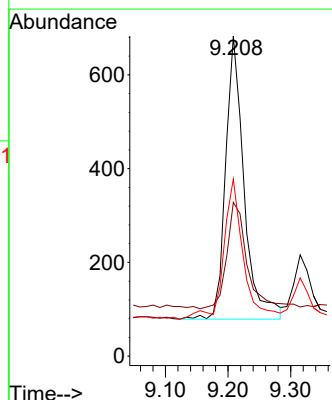
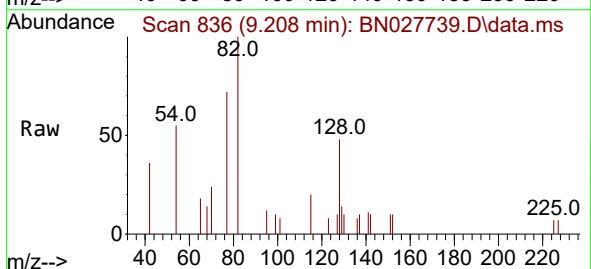
Tgt Ion: 82 Resp: 1239

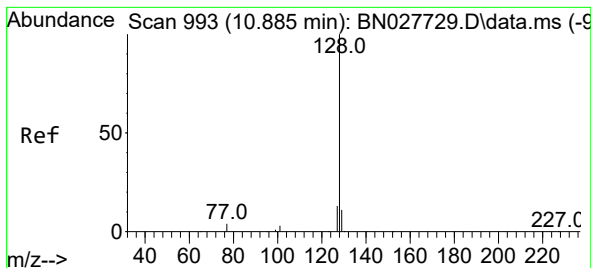
Ion Ratio Lower Upper

82 100

128 48.0 35.1 52.7

54 55.3 35.1 52.7#





#9

Naphthalene

Concen: 0.032 ng

RT: 10.885 min Scan# 993

Delta R.T. 0.000 min

Lab File: BN027739.D

Acq: 18 Sep 2023 18:05

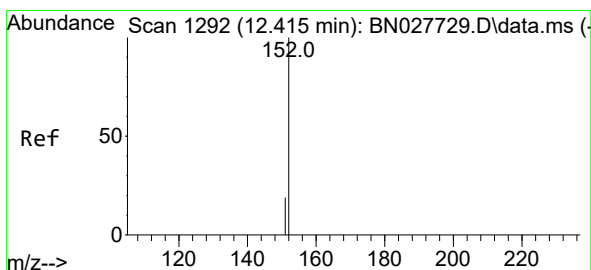
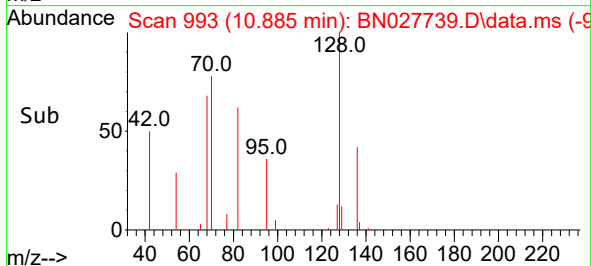
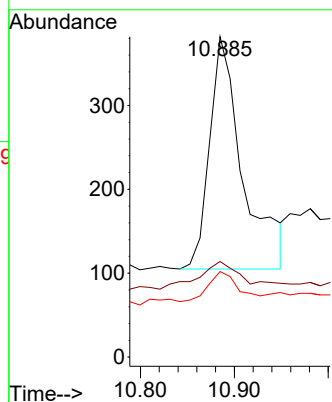
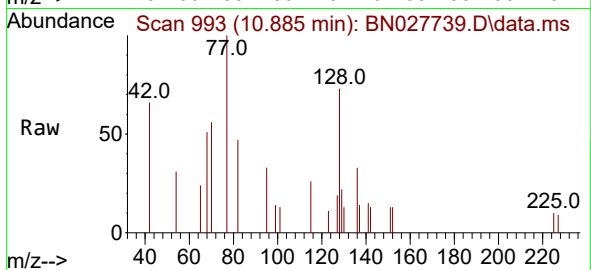
Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-200-202

Tgt Ion:	128	Resp:	680
Ion	Ratio	Lower	Upper
128	100		
129	29.8	8.9	13.3#
127	26.7	10.4	15.6#



#11

2-Methylnaphthalene-d10

Concen: 0.182 ng

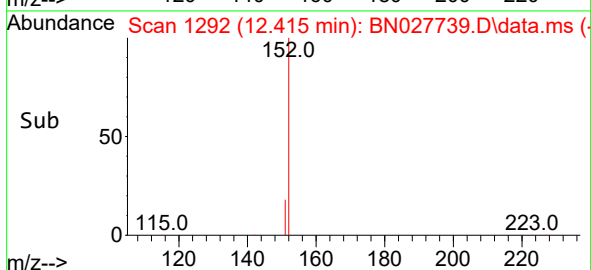
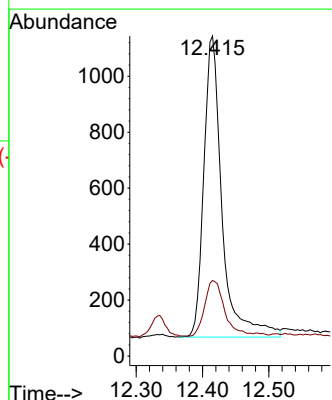
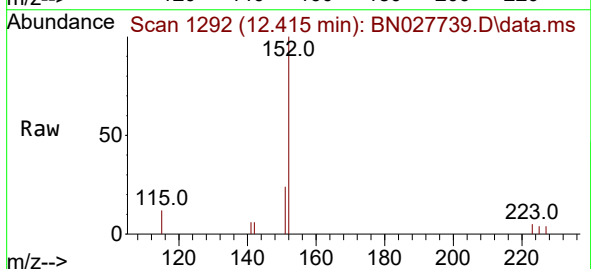
RT: 12.415 min Scan# 1292

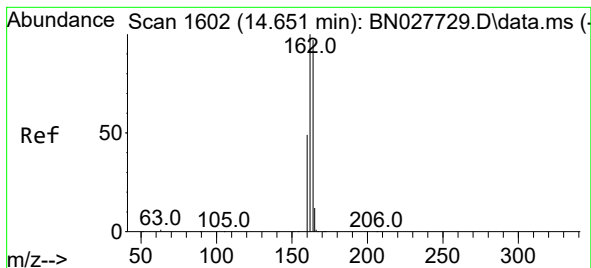
Delta R.T. 0.004 min

Lab File: BN027739.D

Acq: 18 Sep 2023 18:05

Tgt Ion:	152	Resp:	2054
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN027739.D

Acq: 18 Sep 2023 18:05

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-200-202

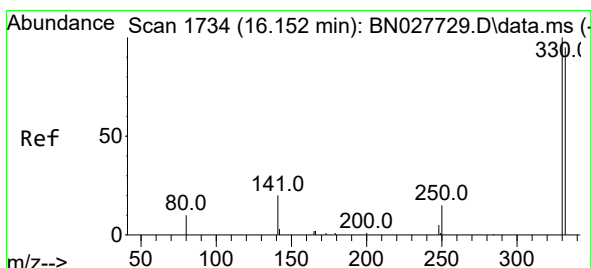
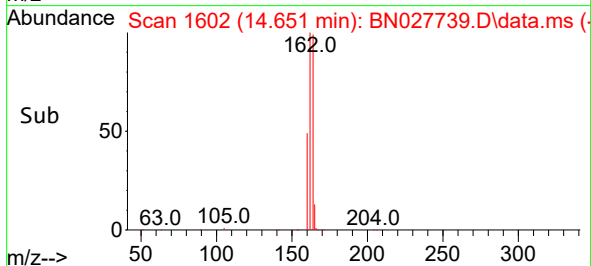
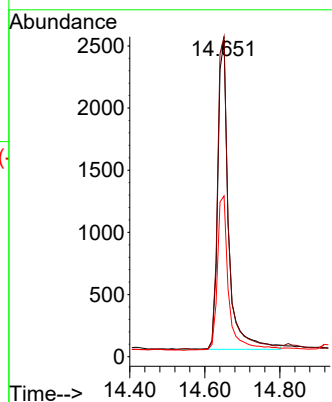
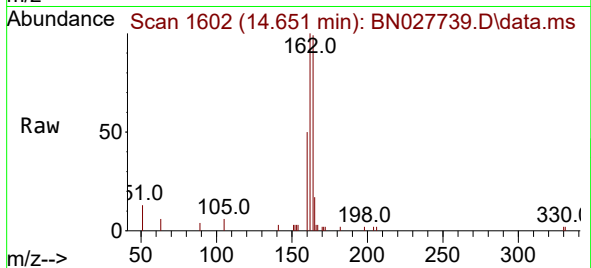
Tgt Ion:164 Resp: 4989

Ion Ratio Lower Upper

164 100

162 101.0 83.4 125.2

160 50.8 41.0 61.4



#14

2,4,6-Tribromophenol

Concen: 0.225 ng

RT: 16.139 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BN027739.D

Acq: 18 Sep 2023 18:05

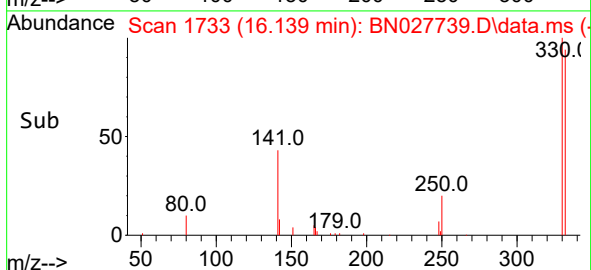
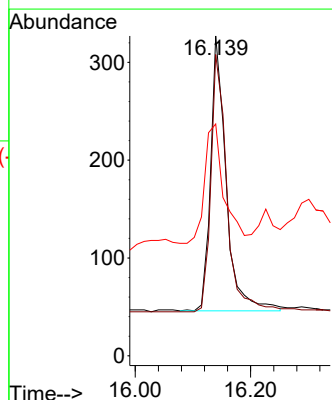
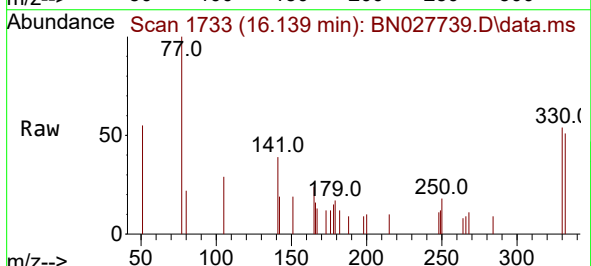
Tgt Ion:330 Resp: 525

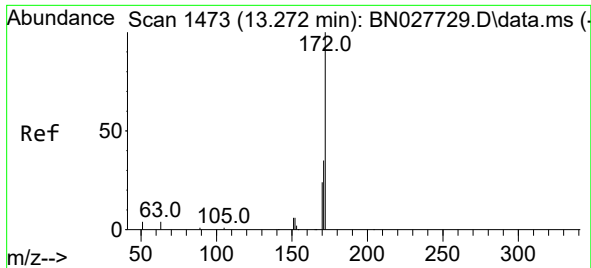
Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

141 53.5 38.2 57.2

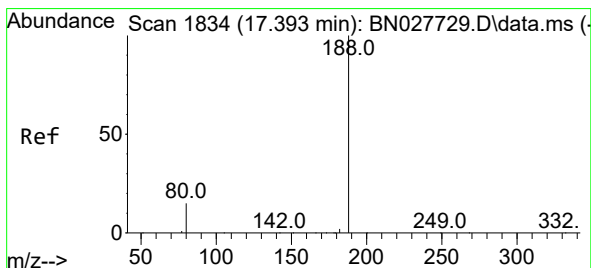
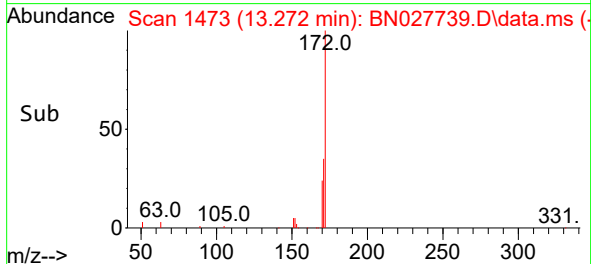
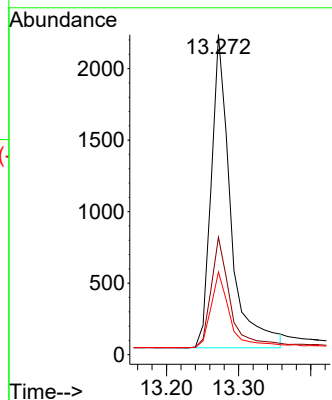
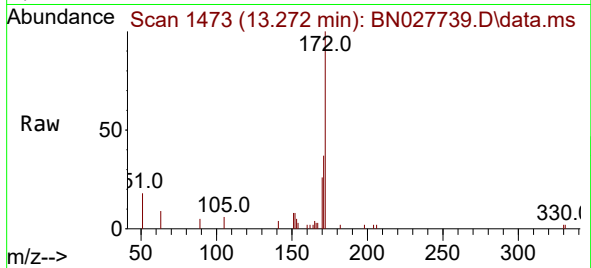




#15
2-Fluorobiphenyl
Concen: 0.242 ng
RT: 13.272 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN027739.D
Acq: 18 Sep 2023 18:05

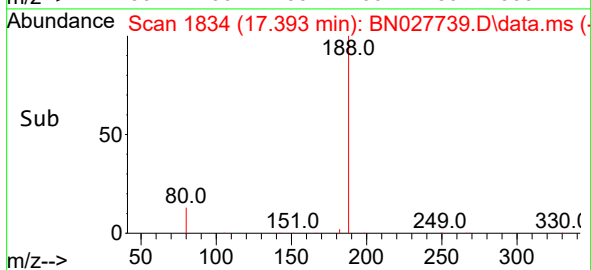
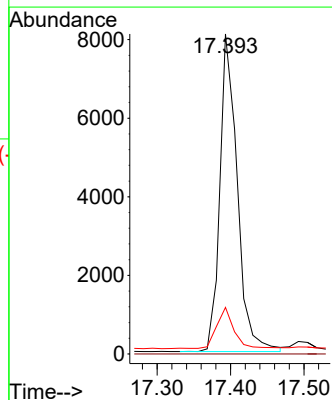
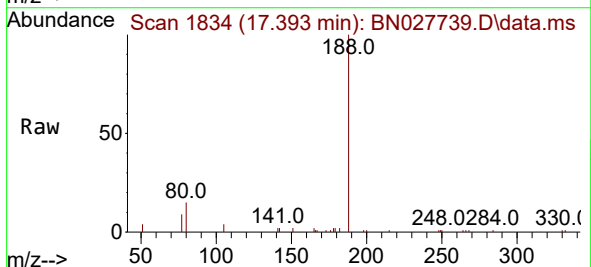
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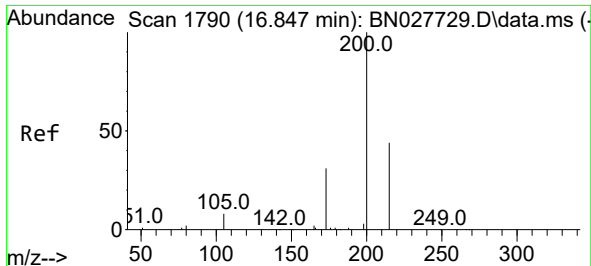
Tgt Ion:	172	Resp:	4105
Ion Ratio	Lower	Upper	
172	100		
171	36.7	27.6	41.4
170	25.8	18.7	28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BN027739.D
Acq: 18 Sep 2023 18:05

Tgt Ion:	188	Resp:	13296
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.5	9.5	14.3

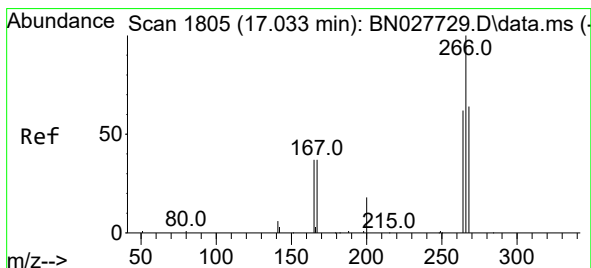
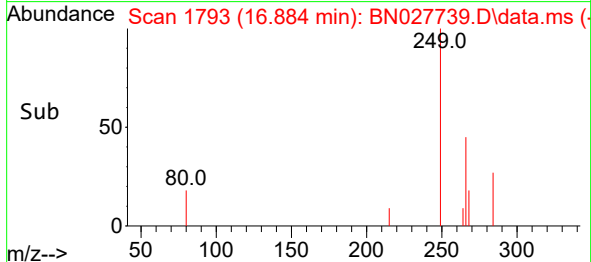
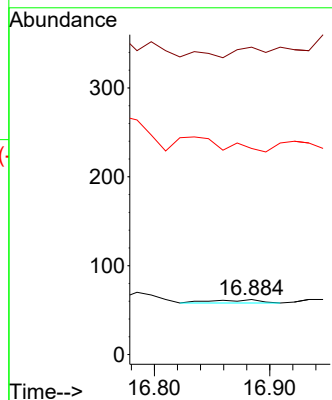
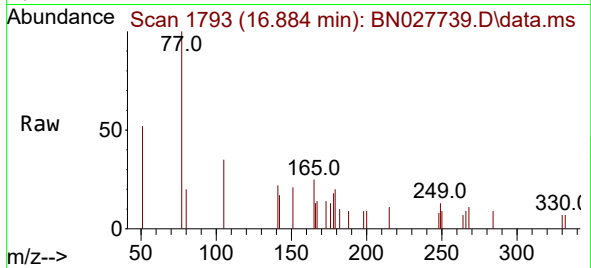




#20
4,6-Dinitro-2-methylphenol
Concen: 0.049 ng
RT: 16.884 min Scan# 1793
Delta R.T. 0.037 min
Lab File: BN027739.D
Acq: 18 Sep 2023 18:05

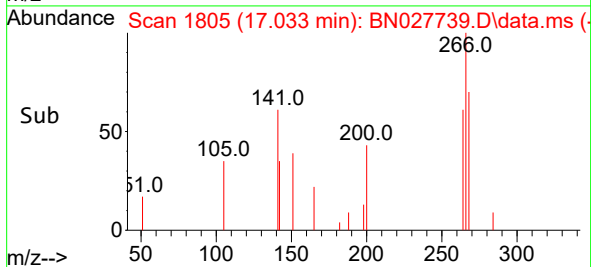
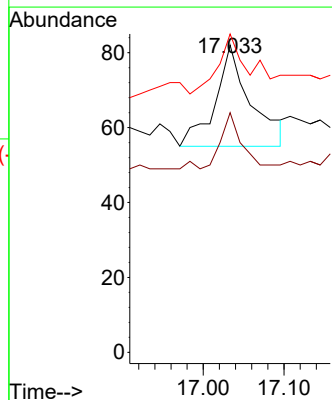
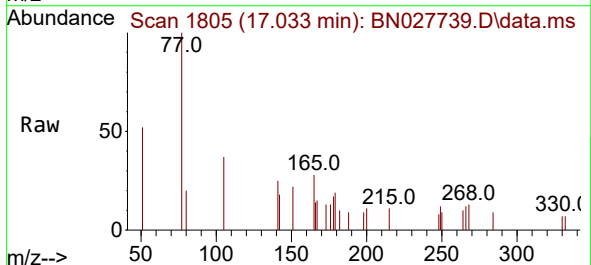
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-200-202

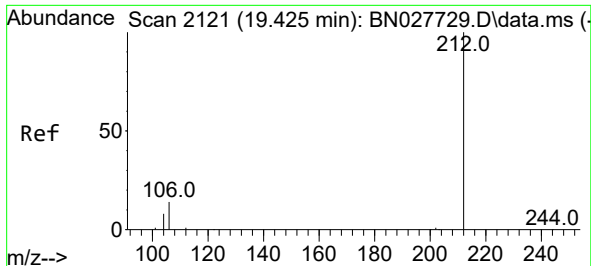
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 558.1 30.0 45.0#
105 374.2 145.9 218.9#



#24
Pentachlorophenol
Concen: 0.022 ng
RT: 17.033 min Scan# 1805
Delta R.T. 0.012 min
Lab File: BN027739.D
Acq: 18 Sep 2023 18:05

Tgt Ion:266 Resp: 83
Ion Ratio Lower Upper
266 100
264 33.7 50.0 75.0#
268 55.4 50.7 76.1

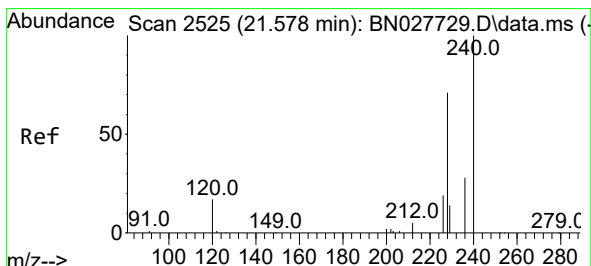
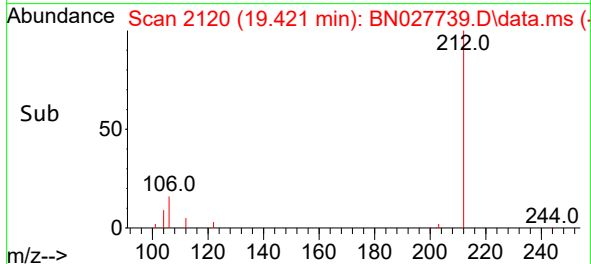
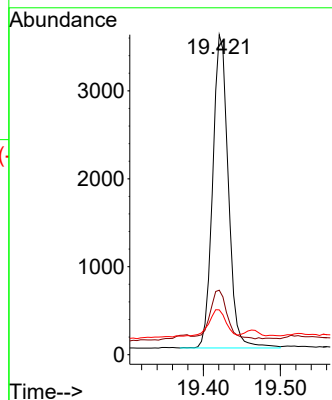
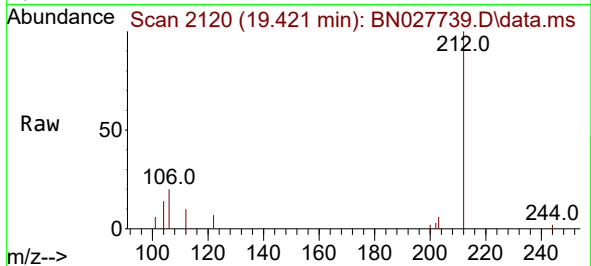




#27
Fluoranthene-d10
Concen: 0.135 ng
RT: 19.421 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BN027739.D
Acq: 18 Sep 2023 18:05

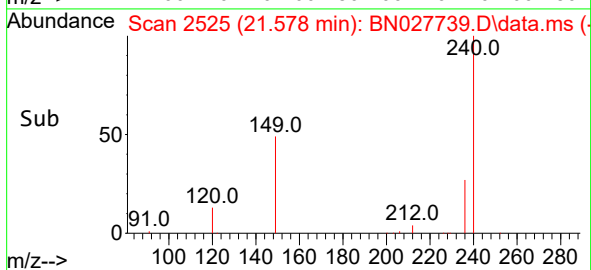
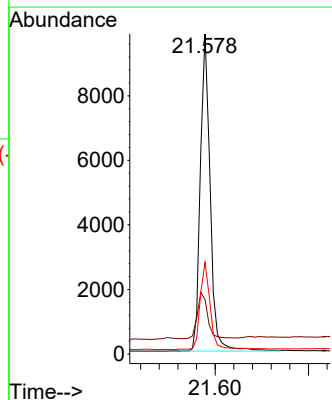
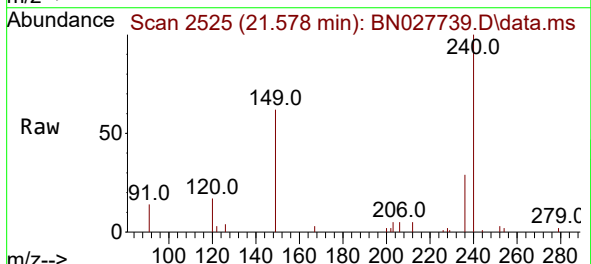
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-200-202

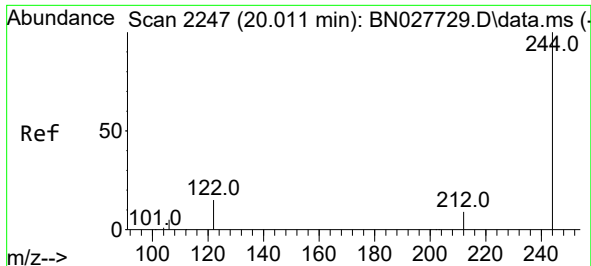
Tgt Ion:212 Resp: 5022
Ion Ratio Lower Upper
212 100
106 17.0 11.9 17.9
104 10.8 6.7 10.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BN027739.D
Acq: 18 Sep 2023 18:05

Tgt Ion:240 Resp: 14484
Ion Ratio Lower Upper
240 100
120 17.1 10.7 16.1#
236 28.6 22.4 33.6

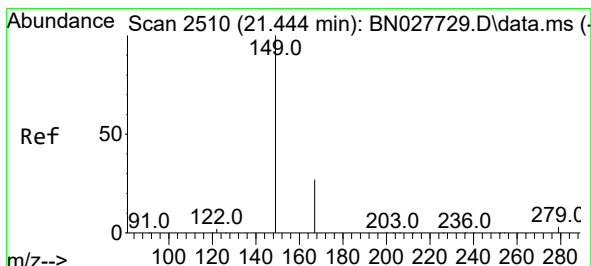
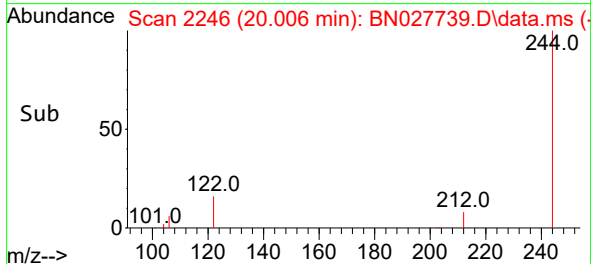
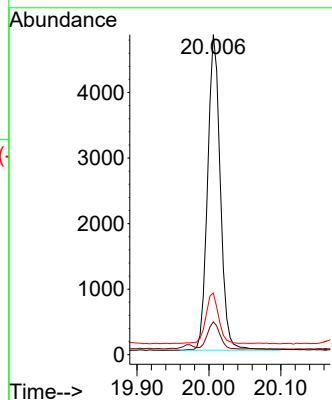
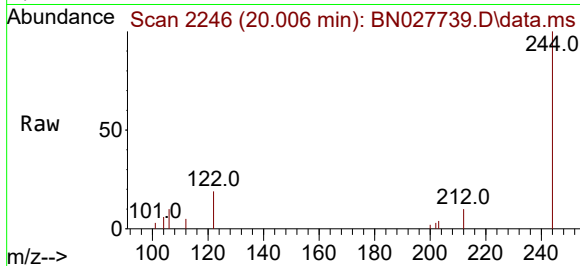




#31
Terphenyl-d14
Concen: 0.216 ng
RT: 20.006 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027739.D
Acq: 18 Sep 2023 18:05

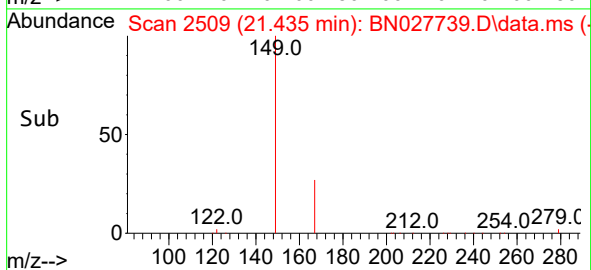
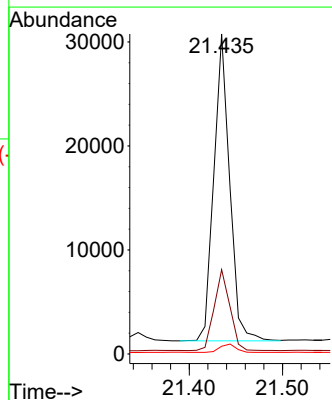
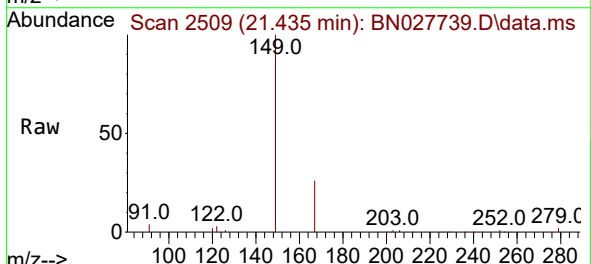
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-200-202

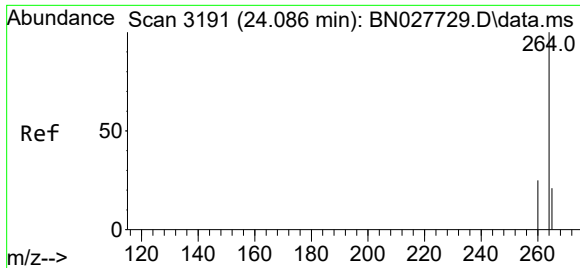
Tgt Ion:244 Resp: 5883
Ion Ratio Lower Upper
244 100
212 10.2 7.0 10.4
122 19.3 12.7 19.1#



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.420 ng
RT: 21.435 min Scan# 2509
Delta R.T. 0.000 min
Lab File: BN027739.D
Acq: 18 Sep 2023 18:05

Tgt Ion:149 Resp: 34627
Ion Ratio Lower Upper
149 100
167 26.0 21.5 32.3
279 2.8 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.077 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BN027739.D
 Acq: 18 Sep 2023 18:05

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-200-202

Tgt Ion:264	Resp:	16123
Ion	Ratio	Lower Upper
264	100	
260	25.7	20.9 31.3
265	60.3	56.6 85.0

