

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027116.D
 Acq On : 25 Aug 2023 12:22
 Operator : MA/JU
 Sample : 04024-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20230815

Quant Time: Aug 26 02:16:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

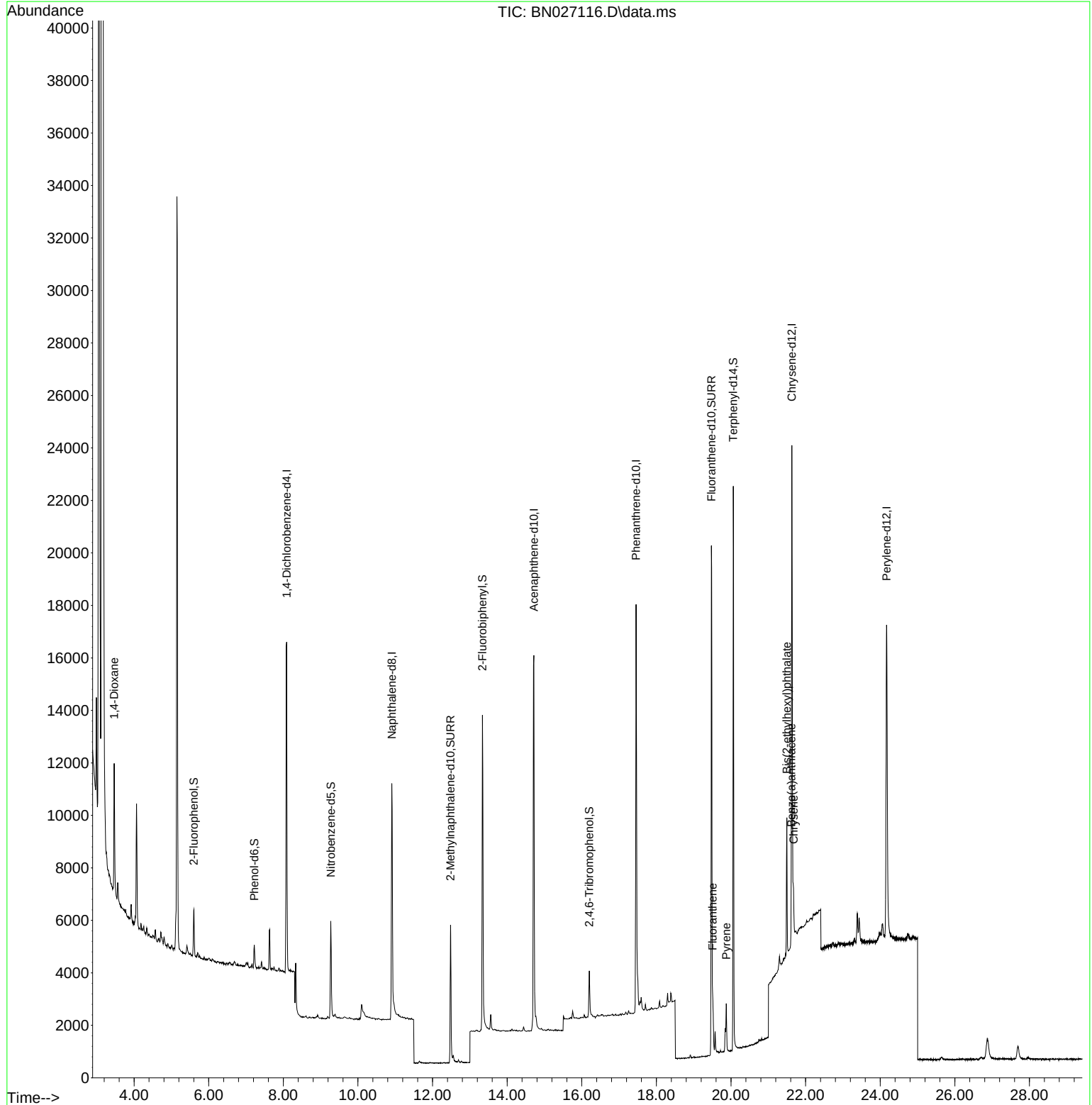
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	6520	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	14929	0.400	ng	# 0.00
13) Acenaphthene-d10	14.715	164	10087	0.400	ng	0.01
19) Phenanthrene-d10	17.455	188	22973	0.400	ng	# 0.00
29) Chrysene-d12	21.632	240	19690	0.400	ng	0.00
35) Perylene-d12	24.171	264	20214	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.603	112	1518	0.083	ng	0.00
5) Phenol-d6	7.221	99	967	0.043	ng	0.00
8) Nitrobenzene-d5	9.272	82	3331	0.264	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	7757	0.327	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	1177	0.219	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	12009	0.321	ng	0.00
27) Fluoranthene-d10	19.476	212	22513	0.382	ng	0.00
31) Terphenyl-d14	20.062	244	20827	0.506	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.465	88	3511	0.501	ng	# 91
28) Fluoranthene	19.509	202	1749	0.022	ng	# 40
30) Pyrene	19.871	202	1625	0.021	ng	# 95
32) Benzo(a)anthracene	21.614	228	1429	0.020	ng	# 85
33) Chrysene	21.677	228	1552	0.022	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.497	149	5051	0.099	ng	100

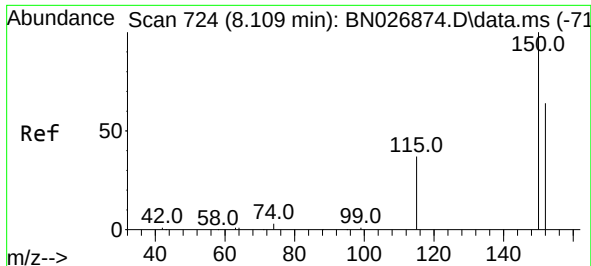
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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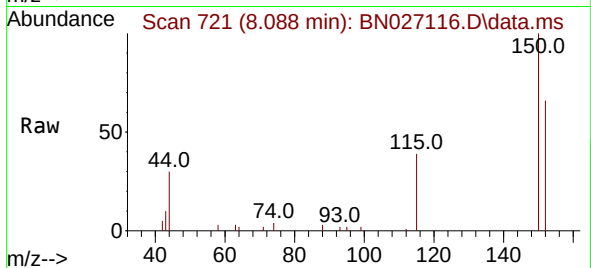
Quant Time: Aug 26 02:16:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



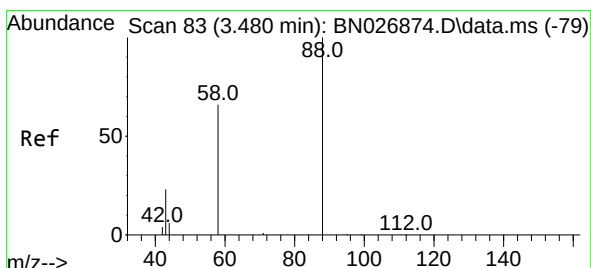
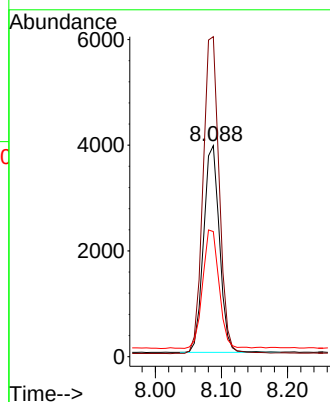
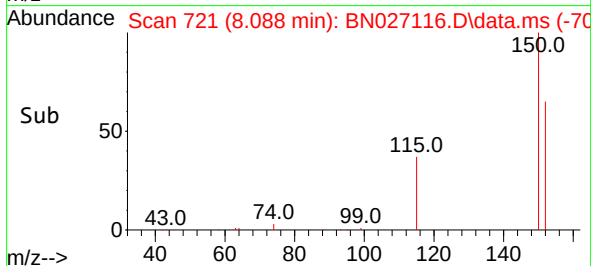


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.088 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

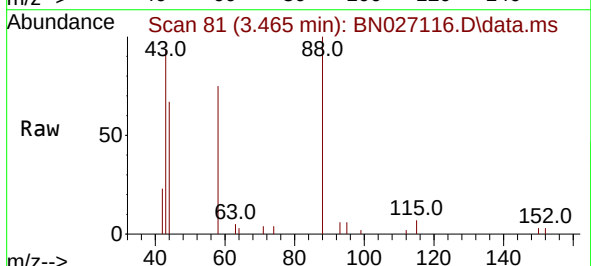
Instrument :
BNA_N
ClientSampleId :
TT14911-20230815



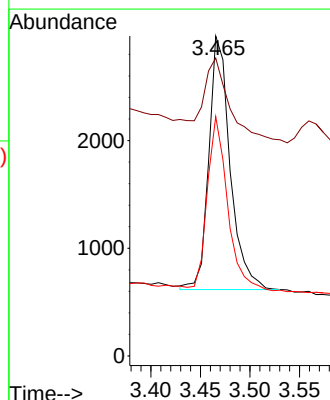
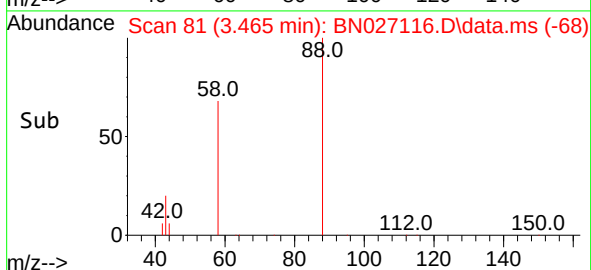
Tgt Ion:152 Resp: 6520
Ion Ratio Lower Upper
152 100
150 151.7 123.8 185.6
115 59.3 49.7 74.5

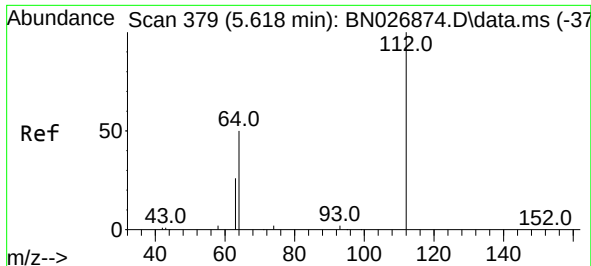


#2
1,4-Dioxane
Concen: 0.501 ng
RT: 3.465 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22



Tgt Ion: 88 Resp: 3511
Ion Ratio Lower Upper
88 100
43 36.2 19.2 28.8#
58 65.8 54.5 81.7

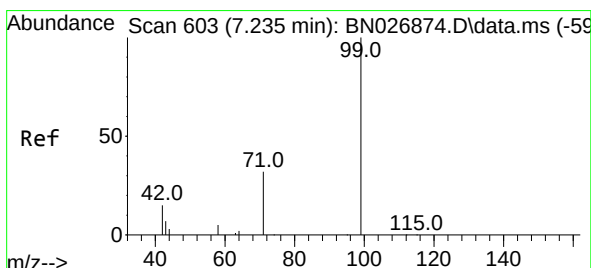
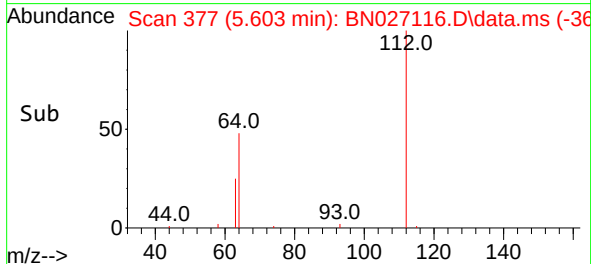
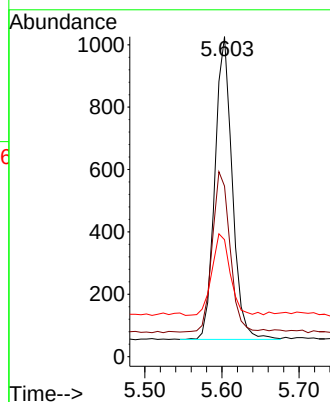
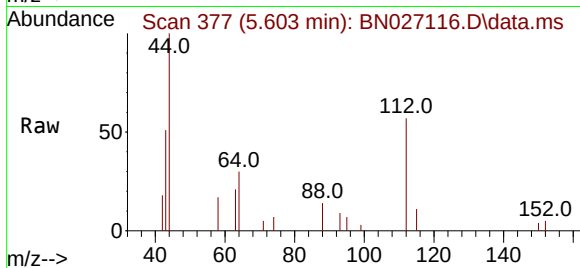




#4
2-Fluorophenol
Concen: 0.083 ng
RT: 5.603 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

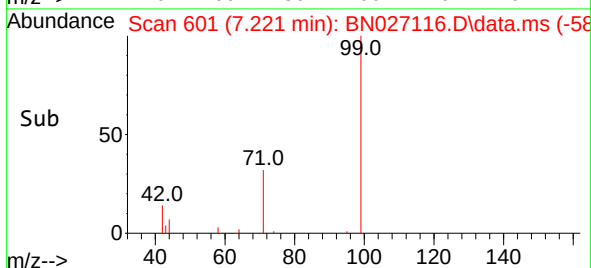
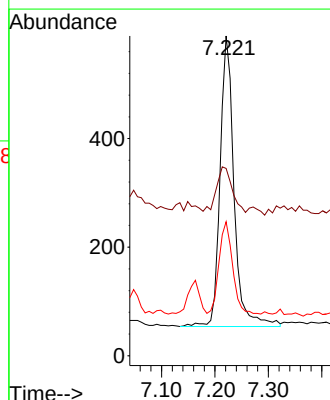
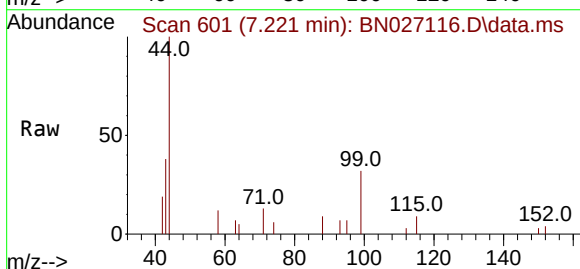
Instrument :
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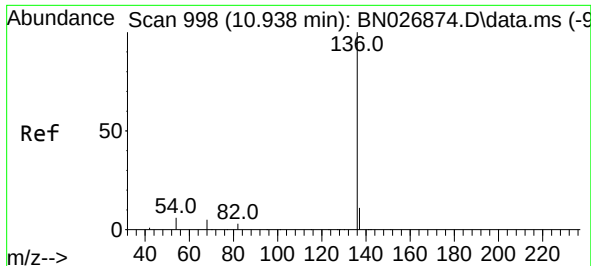
Tgt Ion:	112	Resp:	1518
Ion	Ratio	Lower	Upper
112	100		
64	53.7	41.5	62.3
63	28.3	21.7	32.5



#5
Phenol-d6
Concen: 0.043 ng
RT: 7.221 min Scan# 601
Delta R.T. -0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

Tgt Ion:	99	Resp:	967
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.6	20.4
71	30.6	26.0	39.0

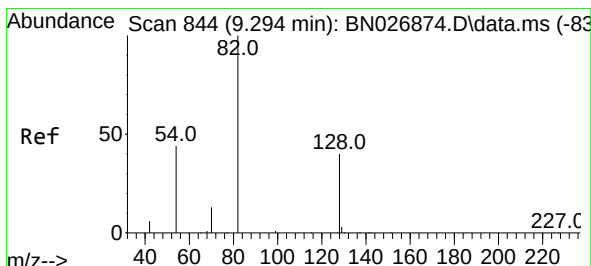
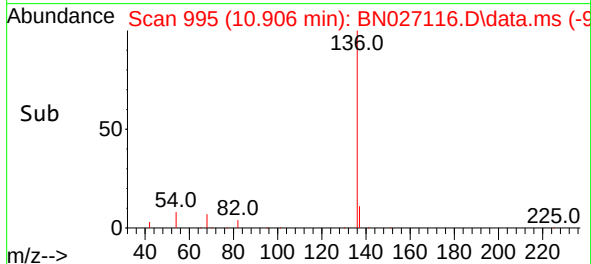
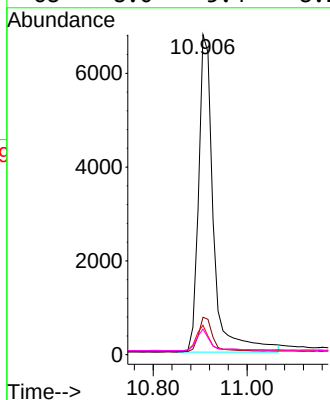
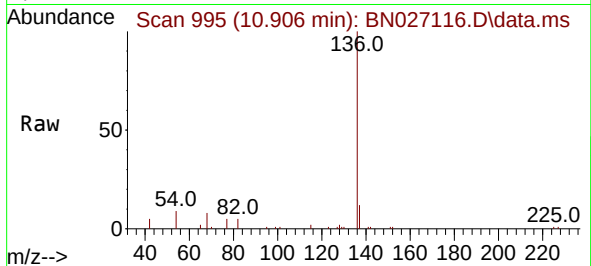




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

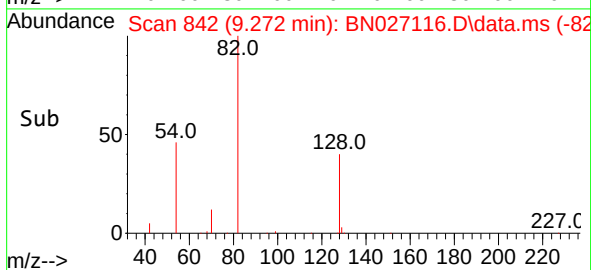
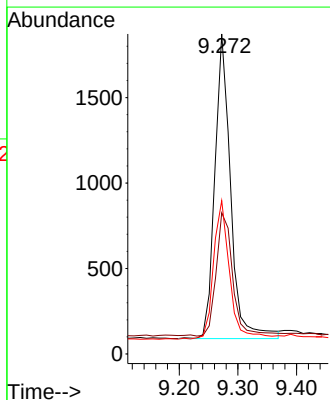
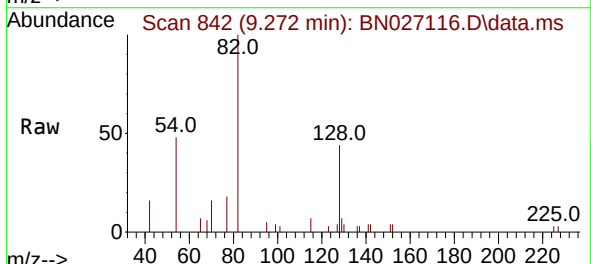
Instrument :
BNA_N
ClientSampleId :
TT14911-20230815

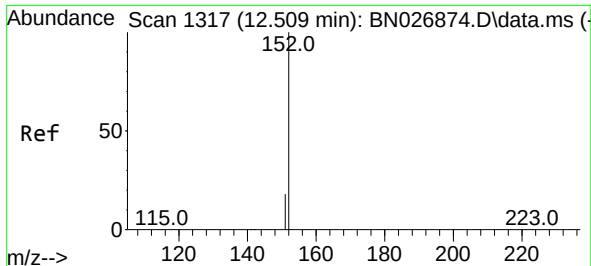
Tgt Ion:	136	Resp:	14929
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.6
54	9.2	5.5	8.3#
68	8.0	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 9.272 min Scan# 842
Delta R.T. 0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

Tgt Ion:	82	Resp:	3331
Ion Ratio	Lower	Upper	
82	100		
128	44.1	34.1	51.1
54	47.9	37.0	55.4

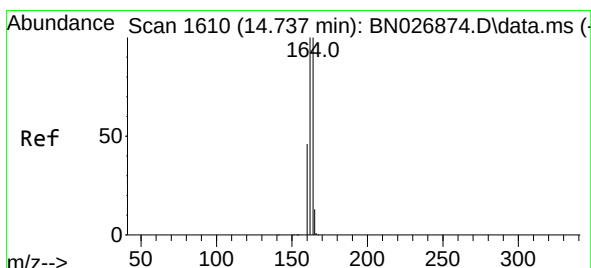
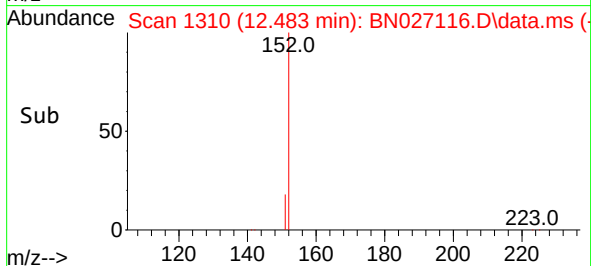
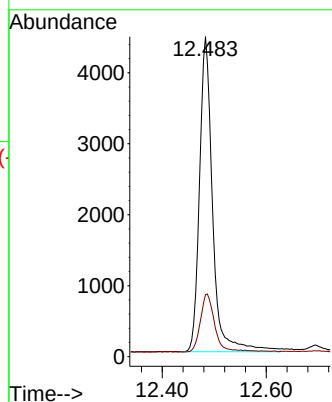
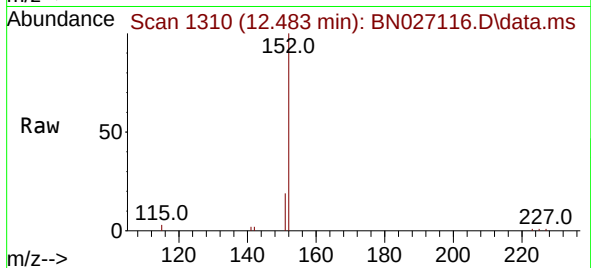




#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

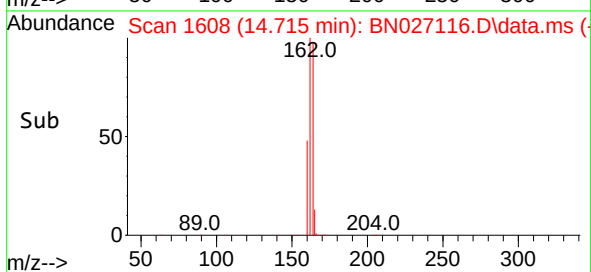
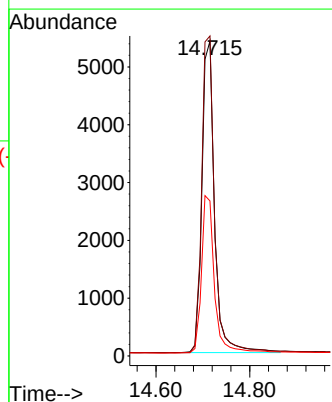
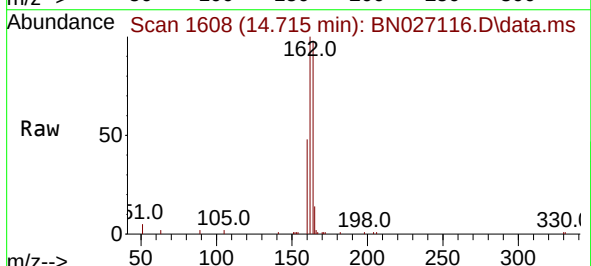
Instrument :
BNA_N
ClientSampleId :
TT14911-20230815

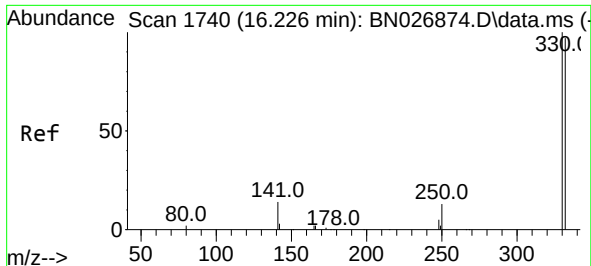
Tgt Ion:152 Resp: 7757
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1608
Delta R.T. 0.011 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

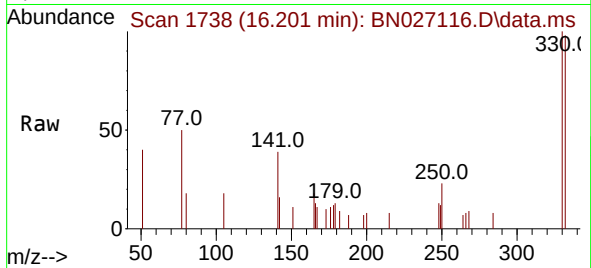
Tgt Ion:164 Resp: 10087
Ion Ratio Lower Upper
164 100
162 101.6 79.7 119.5
160 49.2 37.4 56.0



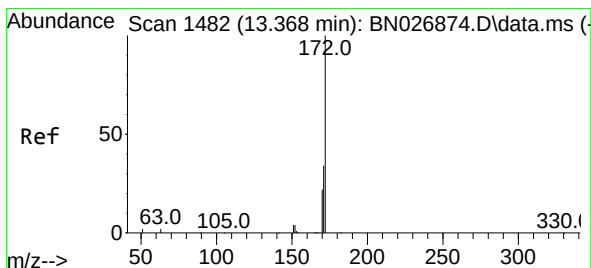
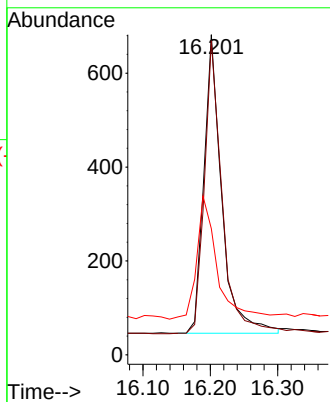
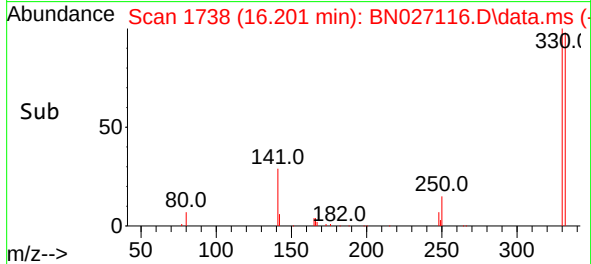


#14
2,4,6-Tribromophenol
Concen: 0.219 ng
RT: 16.201 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

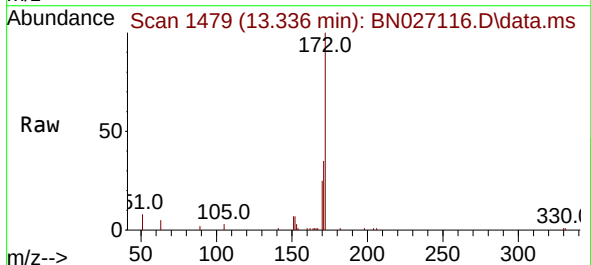
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BNA_N
ClientSampleId :
TT14911-20230815



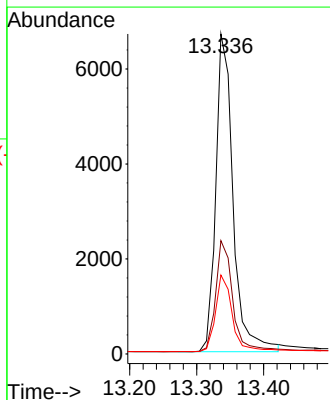
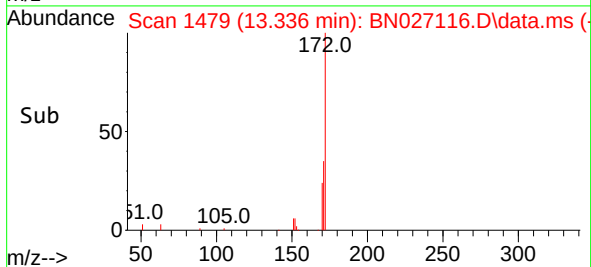
Tgt Ion:330 Resp: 1177
Ion Ratio Lower Upper
330 100
332 97.5 76.6 114.8
141 47.5 32.3 48.5

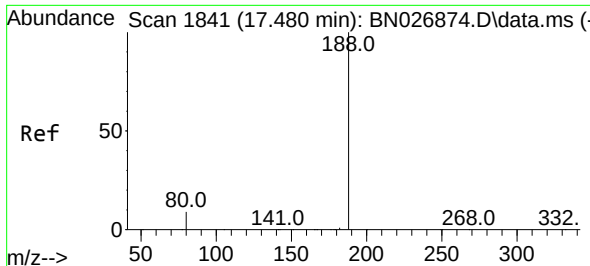


#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22



Tgt Ion:172 Resp: 12009
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.0
170 24.6 18.0 27.0

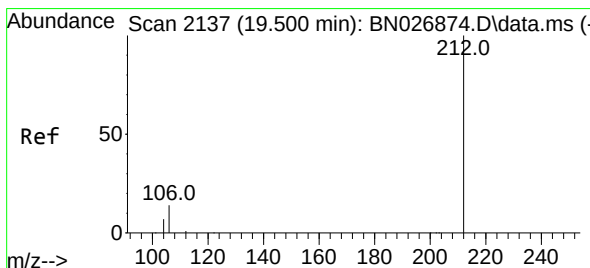
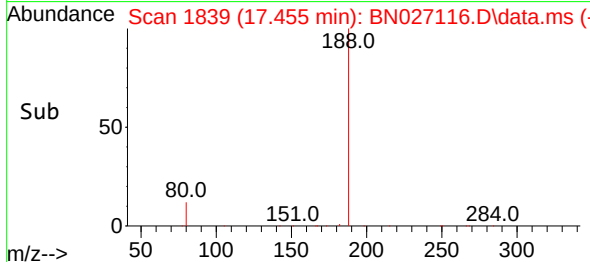
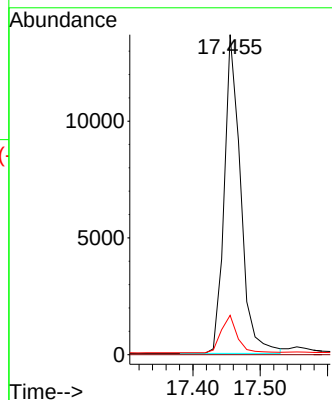
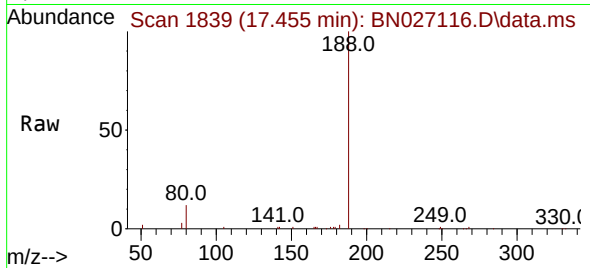




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

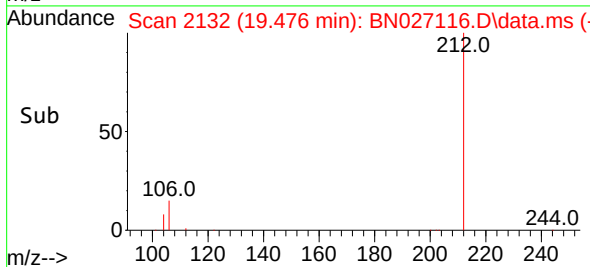
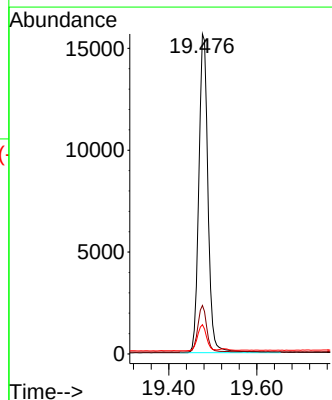
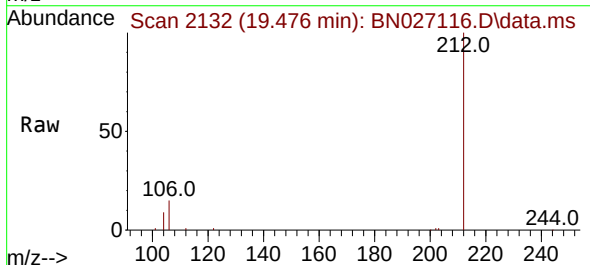
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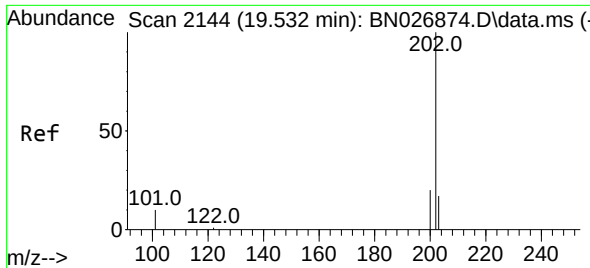
Tgt Ion:188 Resp: 22973
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.476 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

Tgt Ion:212 Resp: 22513
Ion Ratio Lower Upper
212 100
106 14.3 10.9 16.3
104 8.0 5.9 8.9

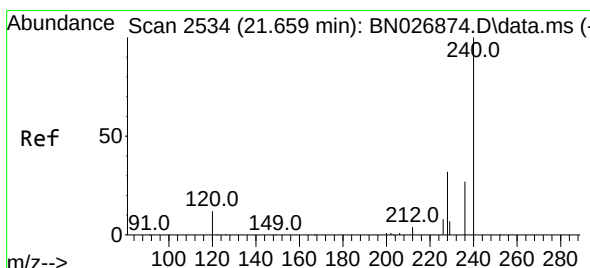
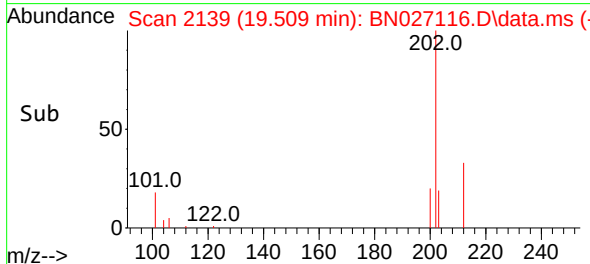
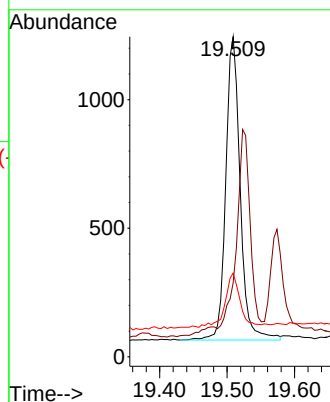
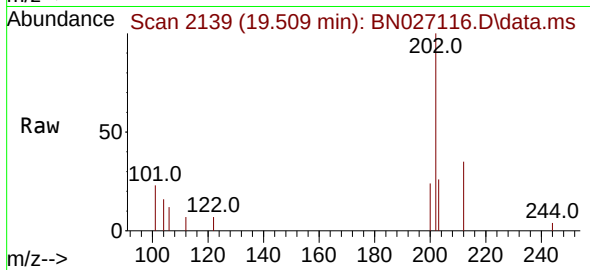




#28
Fluoranthene
Concen: 0.022 ng
RT: 19.509 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

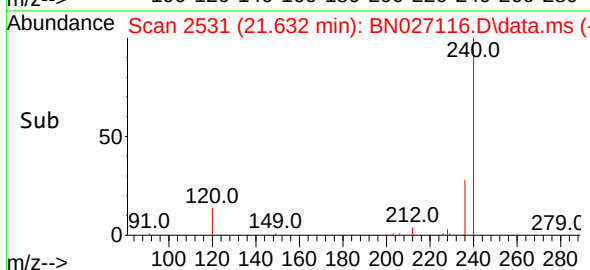
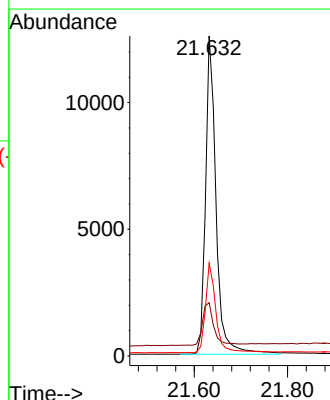
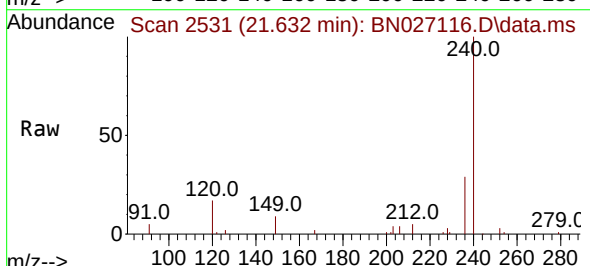
Instrument :
BNA_N
ClientSampleId :
TT14911-20230815

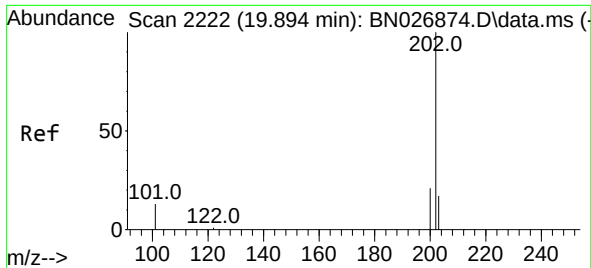
Tgt Ion:202 Resp: 1749
Ion Ratio Lower Upper
202 100
101 65.6 8.9 13.3#
203 19.5 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 2531
Delta R.T. -0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

Tgt Ion:240 Resp: 19690
Ion Ratio Lower Upper
240 100
120 16.7 11.1 16.7
236 29.0 22.2 33.2

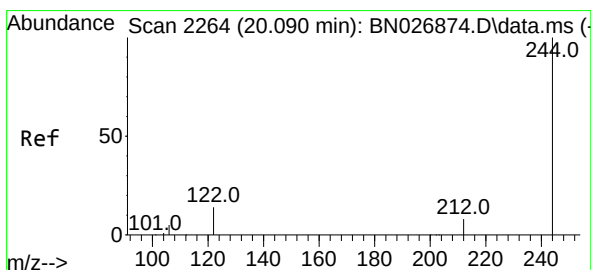
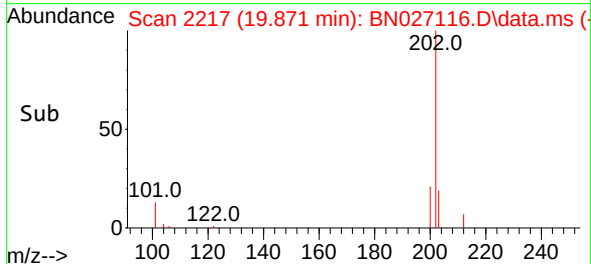
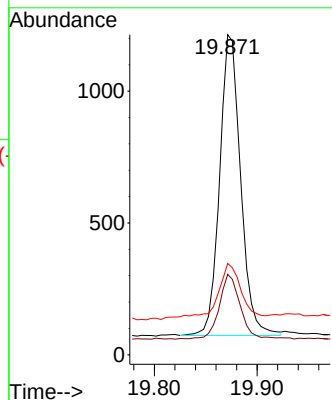
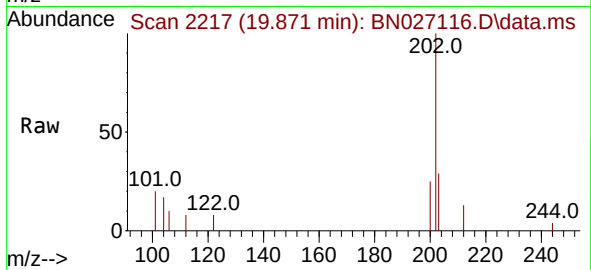




#30
Pyrene
Concen: 0.021 ng
RT: 19.871 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

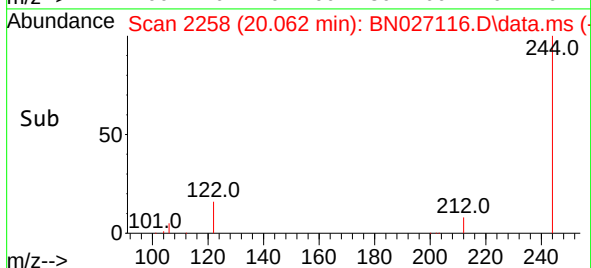
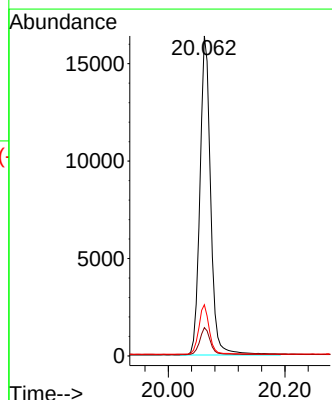
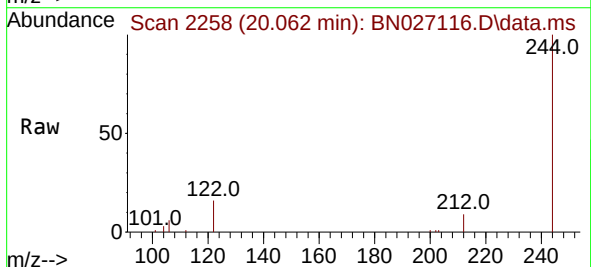
Instrument :
BNA_N
ClientSampleId :
TT14911-20230815

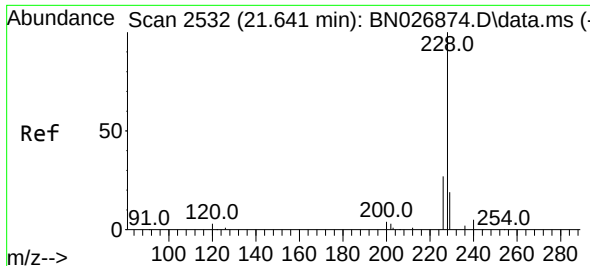
Tgt Ion:202 Resp: 1625
Ion Ratio Lower Upper
202 100
200 21.8 16.6 25.0
203 22.0 14.4 21.6#



#31
Terphenyl-d14
Concen: 0.506 ng
RT: 20.062 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

Tgt Ion:244 Resp: 20827
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 16.0 11.9 17.9

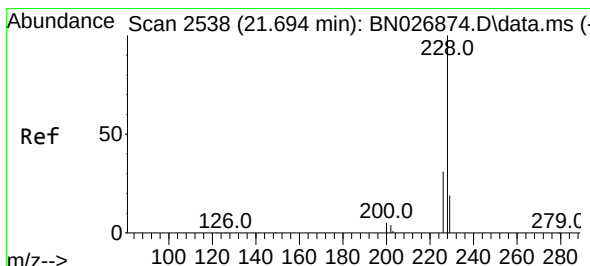
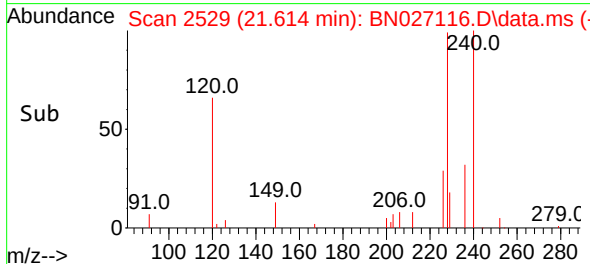
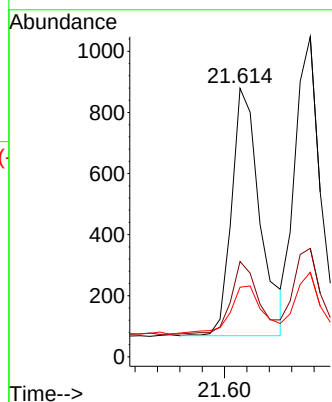
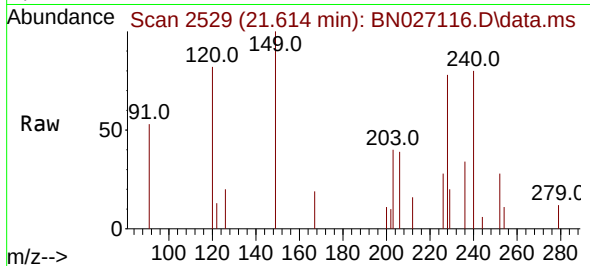




#32
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.614 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

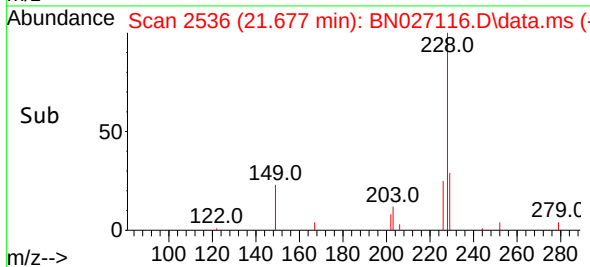
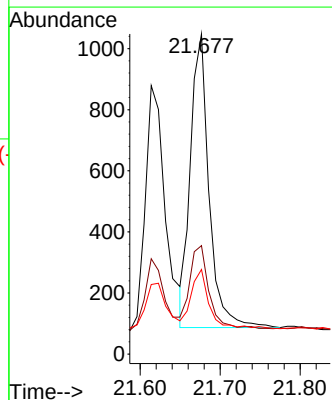
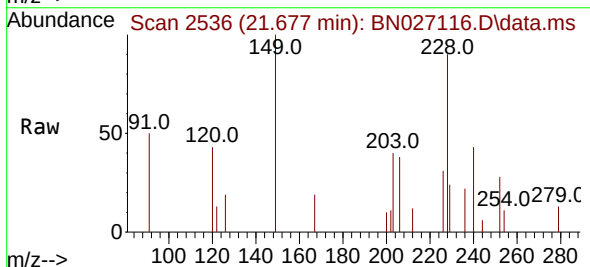
Instrument :
BNA_N
ClientSampleId :
TT14911-20230815

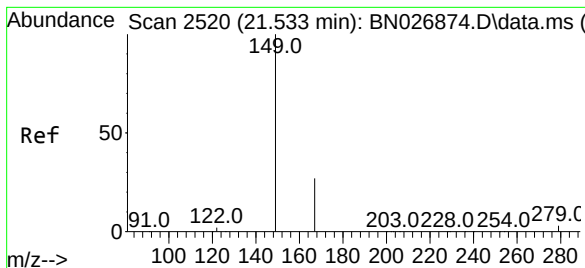
Tgt Ion:228 Resp: 1429
Ion Ratio Lower Upper
228 100
226 35.5 22.1 33.1#
229 25.9 15.5 23.3#



#33
Chrysene
Concen: 0.022 ng
RT: 21.677 min Scan# 2536
Delta R.T. 0.009 min
Lab File: BN027116.D
Acq: 25 Aug 2023 12:22

Tgt Ion:228 Resp: 1552
Ion Ratio Lower Upper
228 100
226 33.9 24.6 37.0
229 26.4 15.5 23.3#

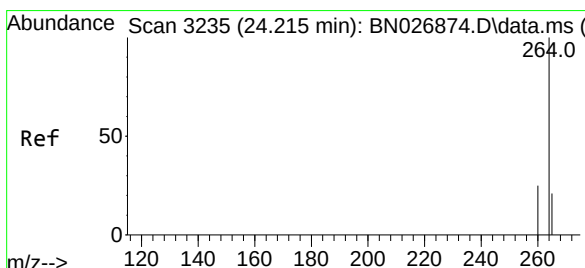
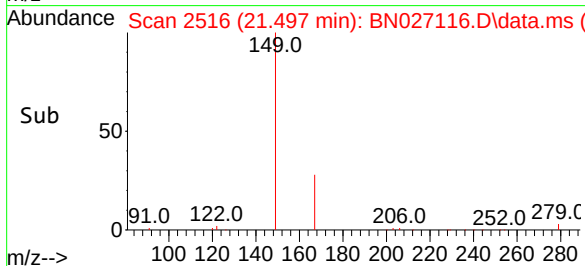
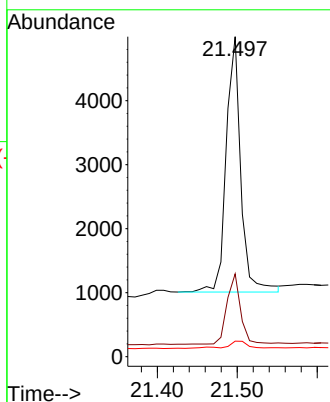
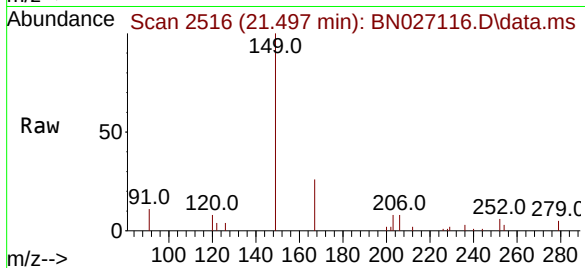




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.099 ng
 RT: 21.497 min Scan# 2149
 Delta R.T. 0.000 min
 Lab File: BN027116.D
 Acq: 25 Aug 2023 12:22

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20230815

Tgt Ion:149 Resp: 5051
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.4 32.0
 279 3.8 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.171 min Scan# 3220
 Delta R.T. -0.000 min
 Lab File: BN027116.D
 Acq: 25 Aug 2023 12:22

Tgt Ion:264 Resp: 20214
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.4 30.6
 265 59.5 27.0 40.6#

