

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027189.D
 Acq On : 27 Aug 2023 13:59
 Operator : MA/JU
 Sample : 04077-07
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20230817

Quant Time: Aug 28 00:44:03 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)

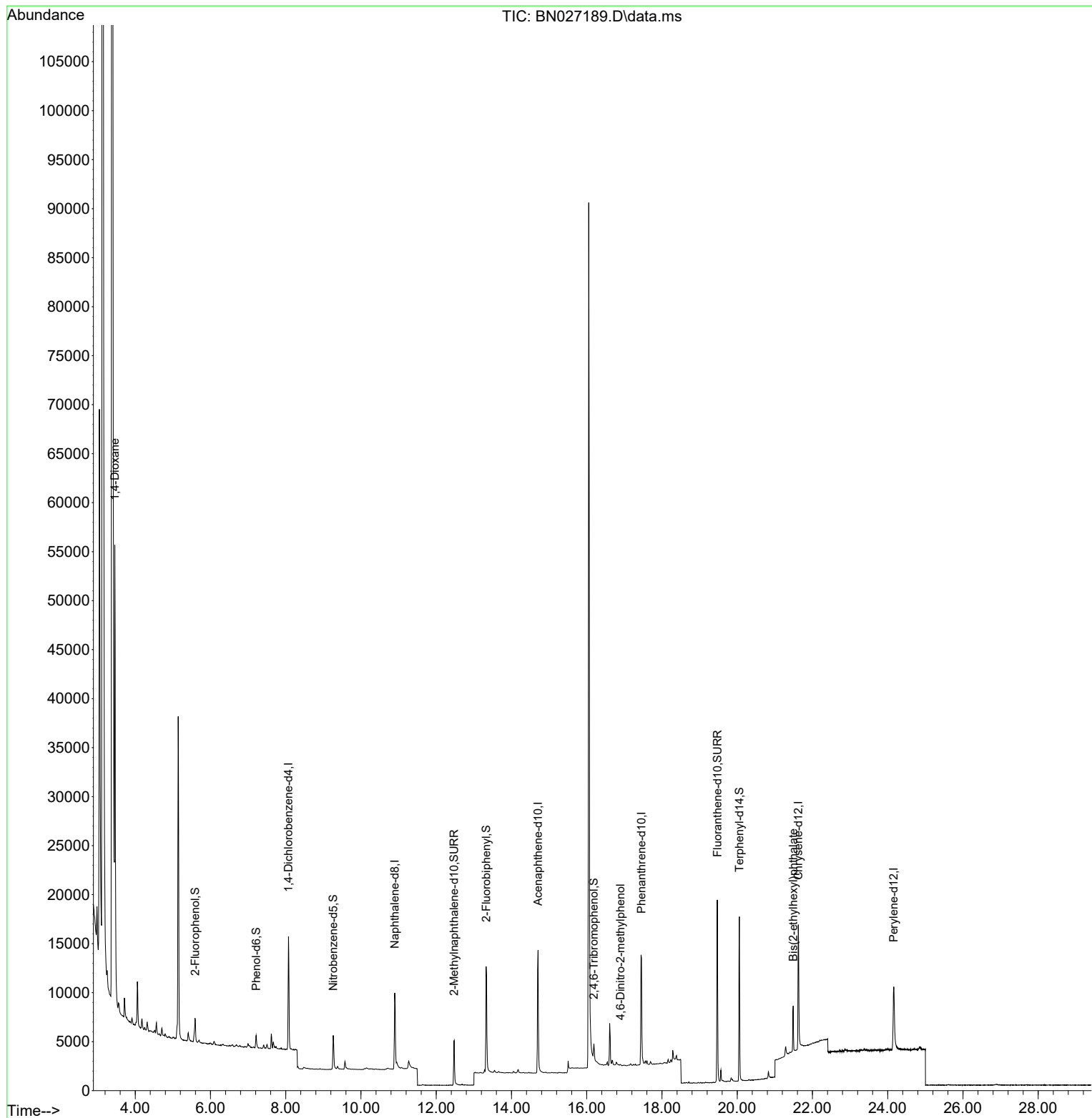
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	5434	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	12564	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	8133	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	18953	0.400	ng	0.00
29) Chrysene-d12	21.623	240	14133	0.400	ng	# 0.00
35) Perylene-d12	24.159	264	12150	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2002	0.131	ng	0.00
5) Phenol-d6	7.214	99	1323	0.070	ng	0.00
8) Nitrobenzene-d5	9.262	82	3220	0.303	ng	-0.01
11) 2-Methylnaphthalene-d10	12.475	152	7081	0.355	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1004	0.232	ng	-0.01
15) 2-Fluorobiphenyl	13.325	172	11250	0.373	ng	-0.01
27) Fluoranthene-d10	19.472	212	21474	0.442	ng	0.00
31) Terphenyl-d14	20.057	244	16670	0.564	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	29088	4.978	ng	Qvalue 97
20) 4,6-Dinitro-2-methylph...	16.897	198	9	0.030	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.488	149	5054	0.138	ng	# 96

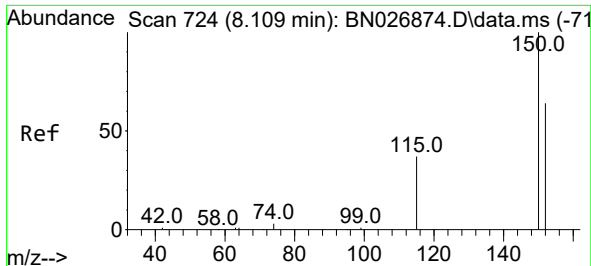
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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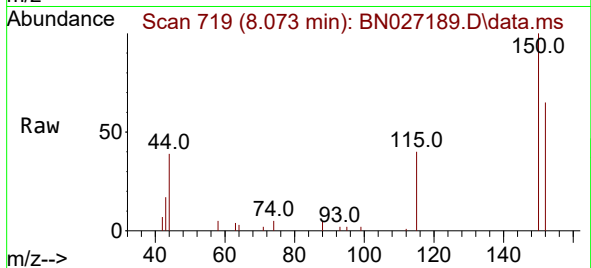
Quant Time: Aug 28 00:44:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration





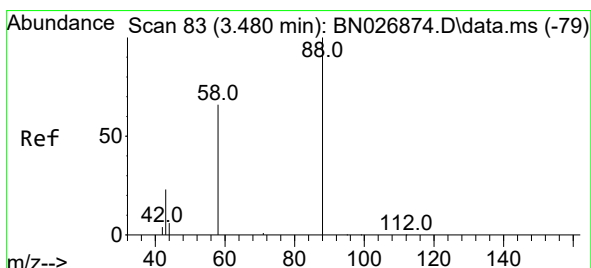
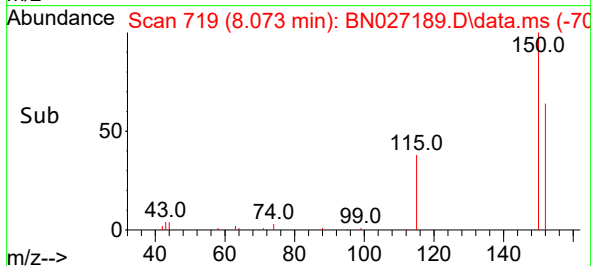
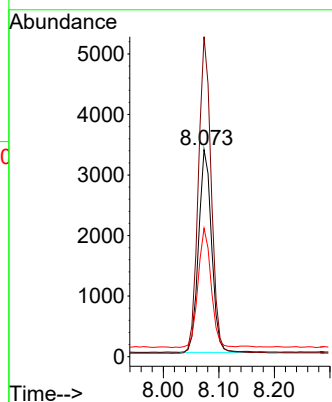
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. -0.015 min
 Lab File: BN027189.D
 Acq: 27 Aug 2023 13:59

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20230817



Tgt Ion:152 Resp: 5434

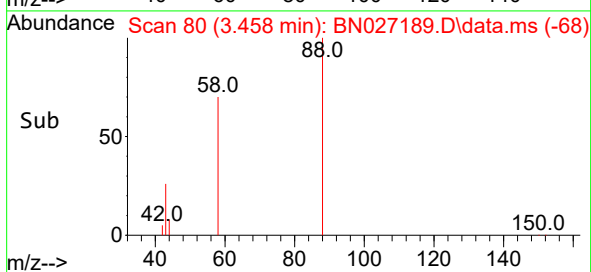
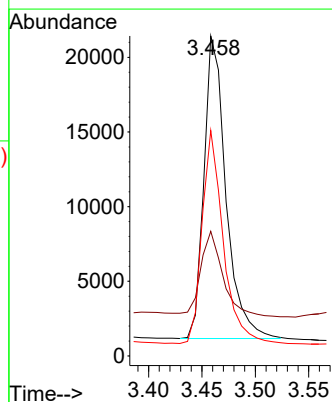
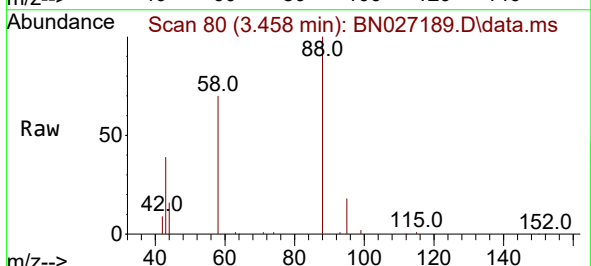
Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.8	185.6
115	62.1	49.7	74.5

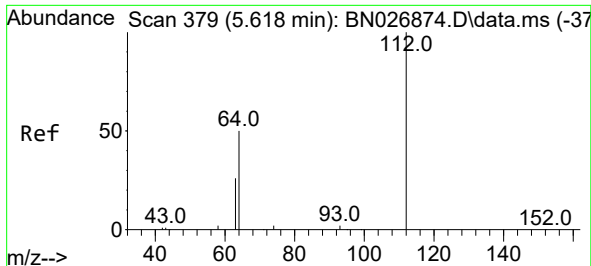


#2
 1,4-Dioxane
 Concen: 4.978 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.014 min
 Lab File: BN027189.D
 Acq: 27 Aug 2023 13:59

Tgt Ion: 88 Resp: 29088

Ion	Ratio	Lower	Upper
88	100		
43	28.7	19.2	28.8
58	67.4	54.5	81.7

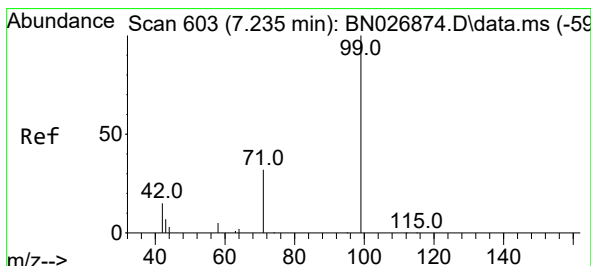
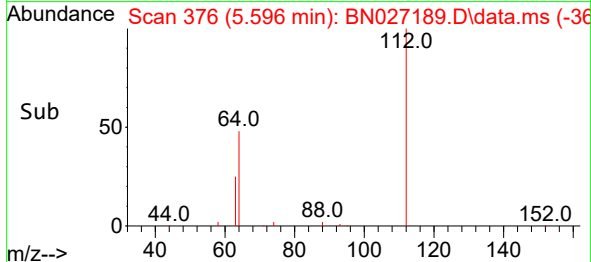
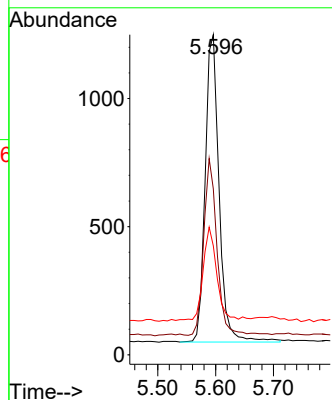
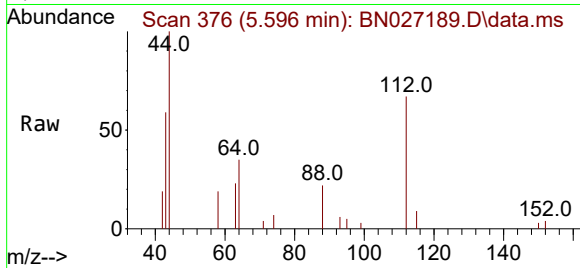




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

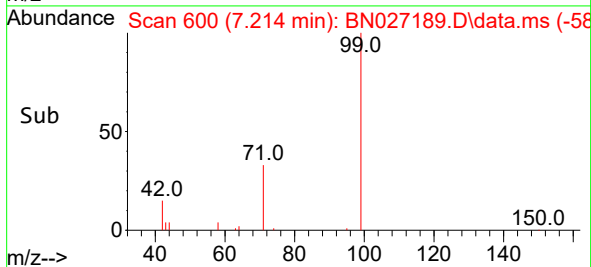
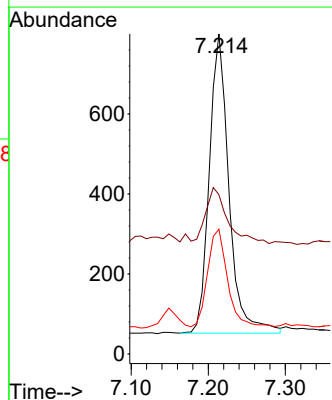
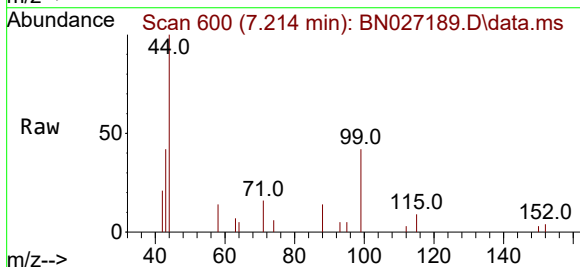
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230817

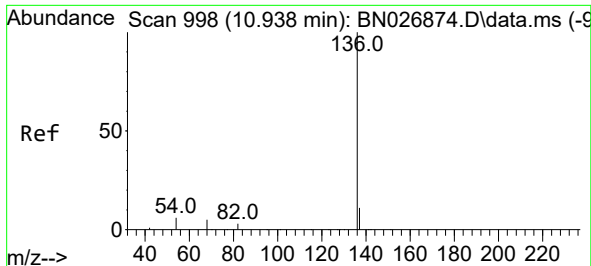
Tgt Ion:	112	Resp:	2002
Ion	Ratio	Lower	Upper
112	100		
64	55.3	41.5	62.3
63	30.2	21.7	32.5



#5
Phenol-d6
Concen: 0.070 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

Tgt Ion:	99	Resp:	1323
Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.6	20.4#
71	33.0	26.0	39.0

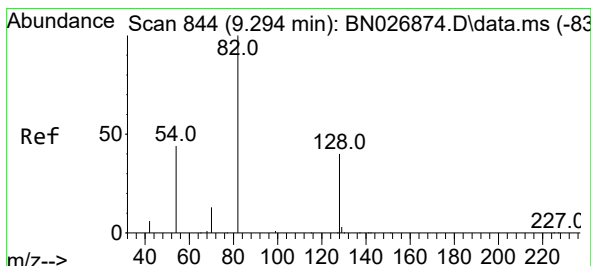
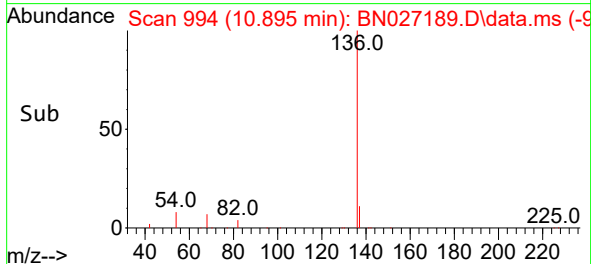
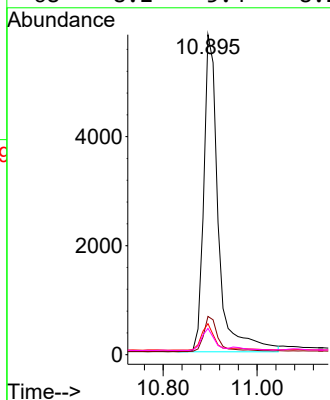
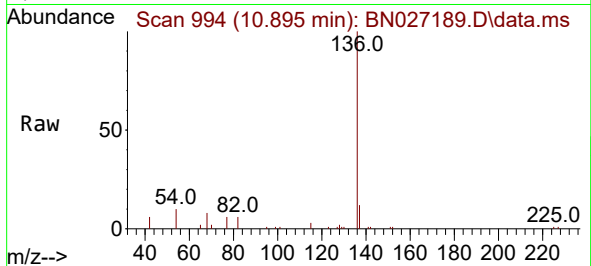




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 998
Delta R.T. -0.011 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

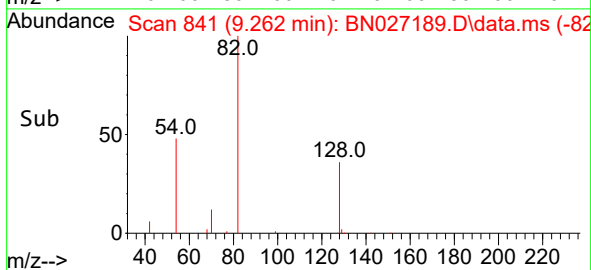
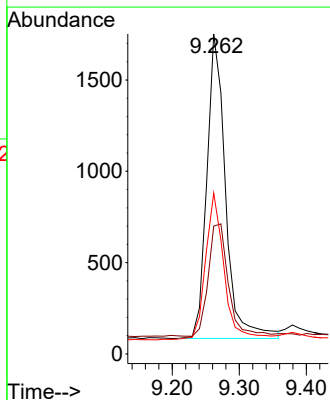
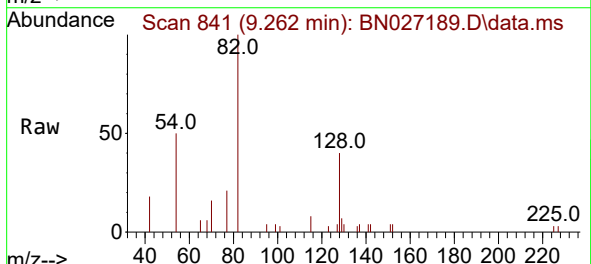
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230817

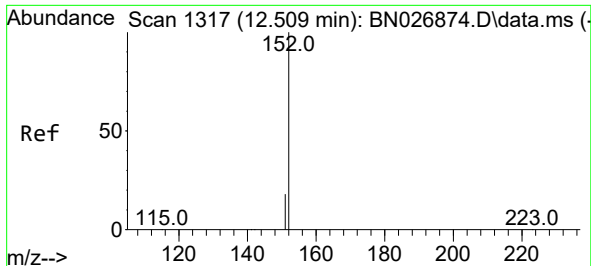
Tgt Ion:	136	Resp:	12564
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.0	13.6
54	9.7	5.5	8.3#
68	8.2	5.4	8.2#



#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

Tgt Ion:	82	Resp:	3220
Ion Ratio	Lower	Upper	
82	100		
128	40.0	34.1	51.1
54	50.3	37.0	55.4

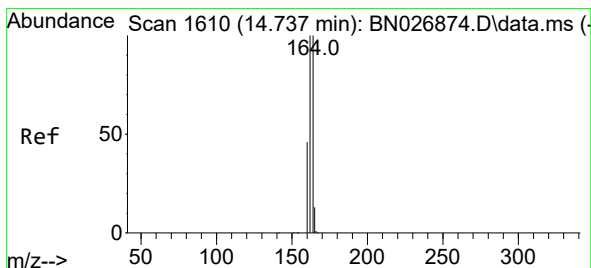
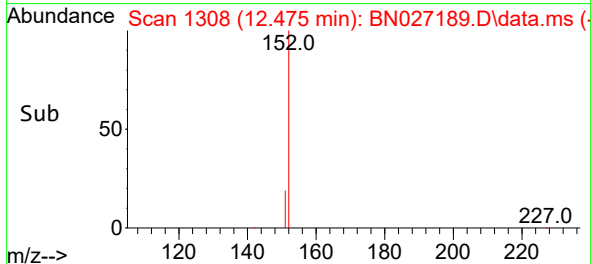
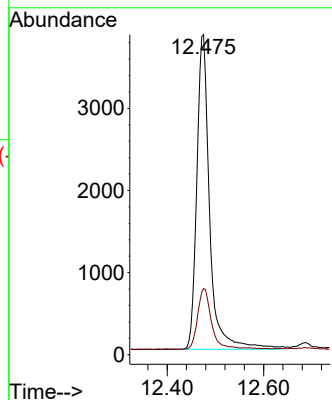
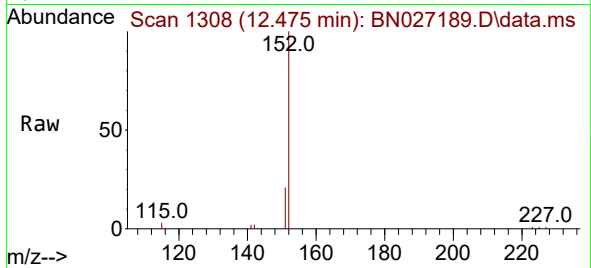




#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.475 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

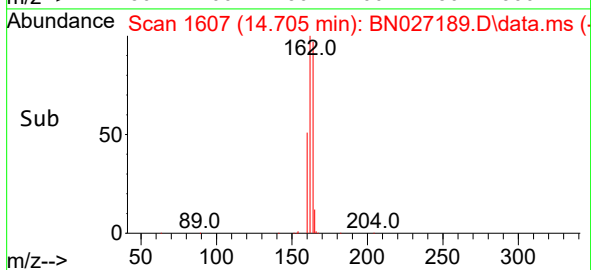
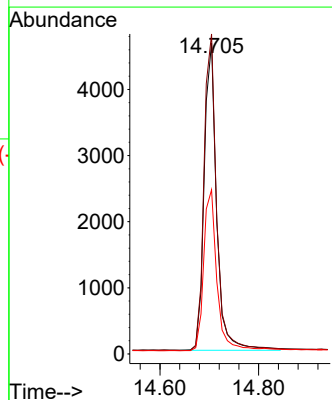
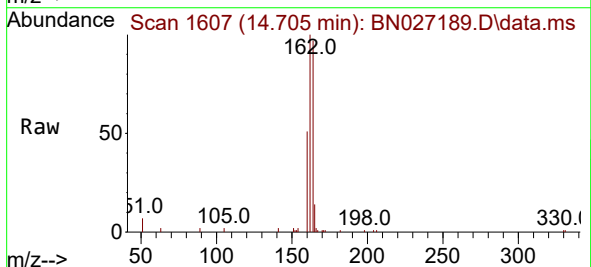
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230817

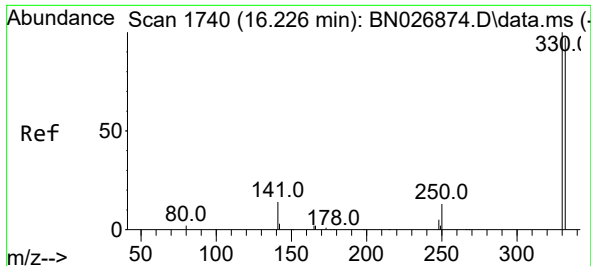
Tgt Ion:152 Resp: 7081
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

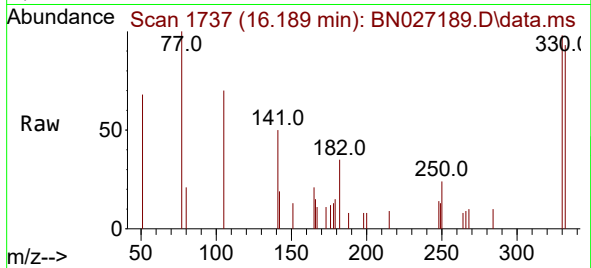
Tgt Ion:164 Resp: 8133
Ion Ratio Lower Upper
164 100
162 102.9 79.7 119.5
160 52.8 37.4 56.0



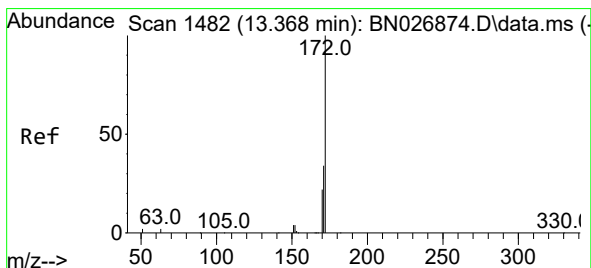
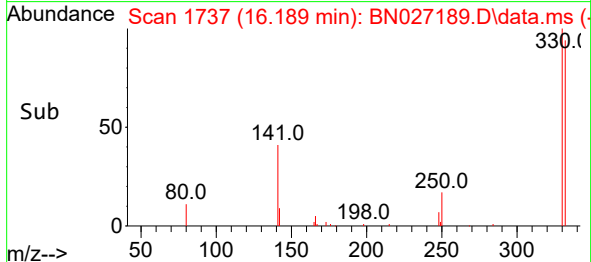
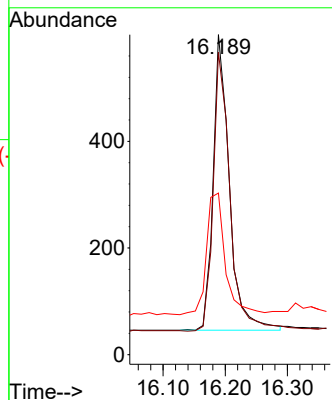


#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

Instrument :
BNA_N
ClientSampleId :
RE120D2-20230817

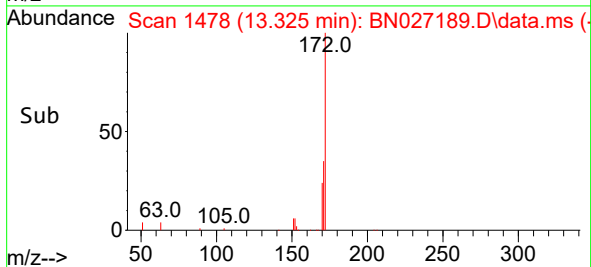
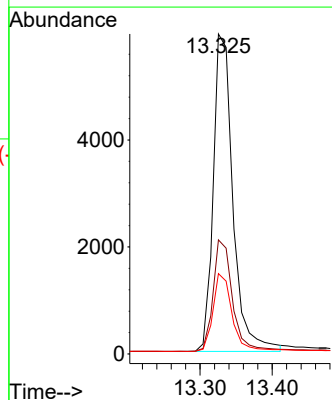
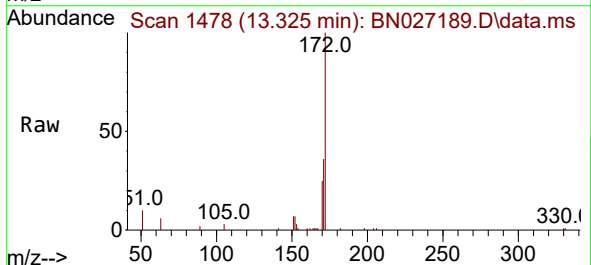


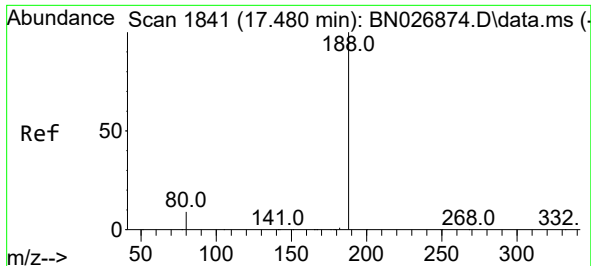
Tgt Ion:330 Resp: 1004
Ion Ratio Lower Upper
330 100
332 98.2 76.6 114.8
141 47.7 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

Tgt Ion:172 Resp: 11250
Ion Ratio Lower Upper
172 100
171 35.7 27.4 41.0
170 25.1 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: BN027189.D

Acq: 27 Aug 2023 13:59

Instrument :

BNA_N

ClientSampleId :

RE120D2-20230817

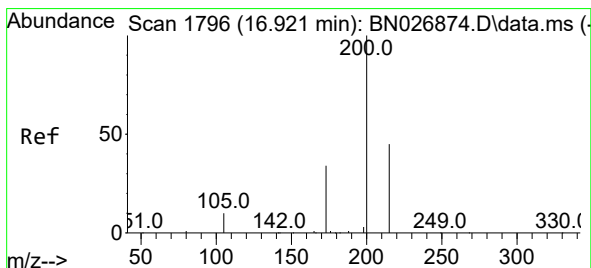
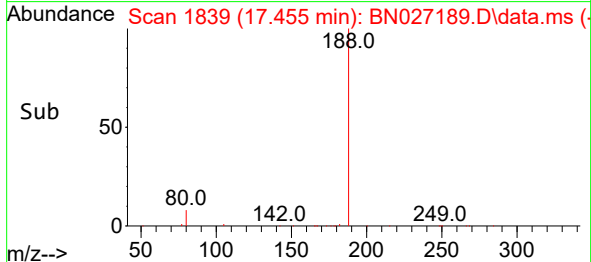
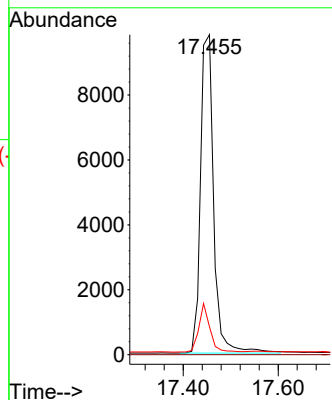
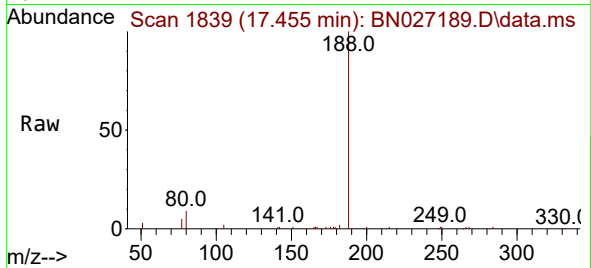
Tgt Ion:188 Resp: 18953

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 7.4 11.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.030 ng

RT: 16.897 min Scan# 1794

Delta R.T. -0.012 min

Lab File: BN027189.D

Acq: 27 Aug 2023 13:59

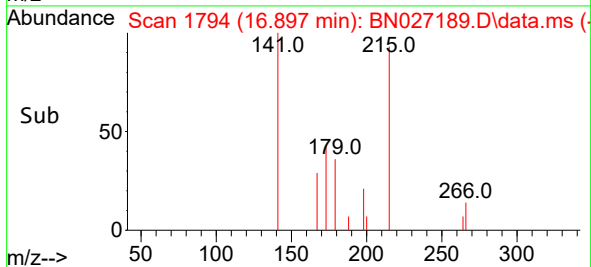
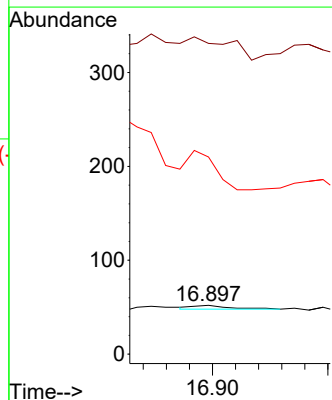
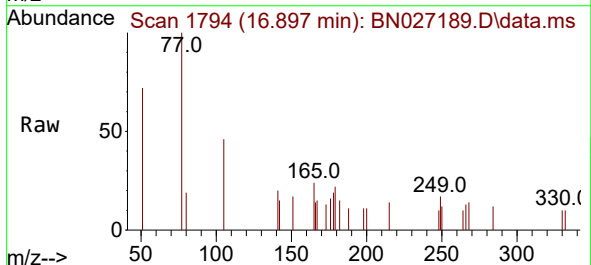
Tgt Ion:198 Resp: 9

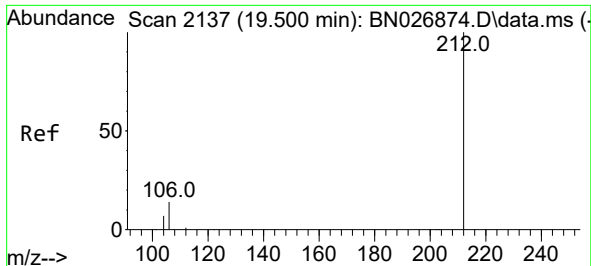
Ion Ratio Lower Upper

198 100

51 636.5 143.8 215.8#

105 403.8 273.5 410.3

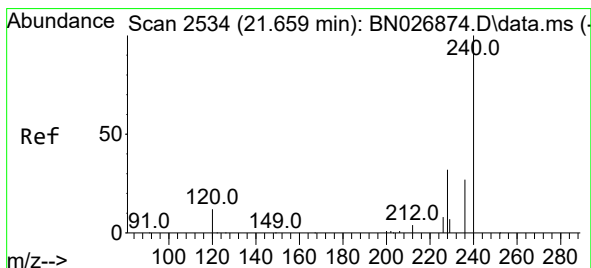
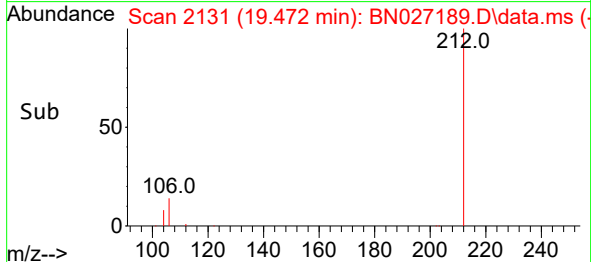
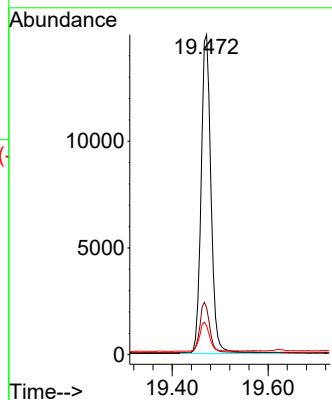
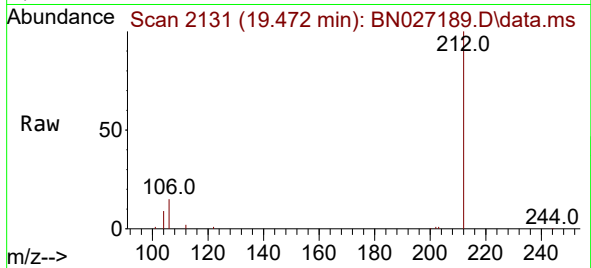




#27
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.472 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

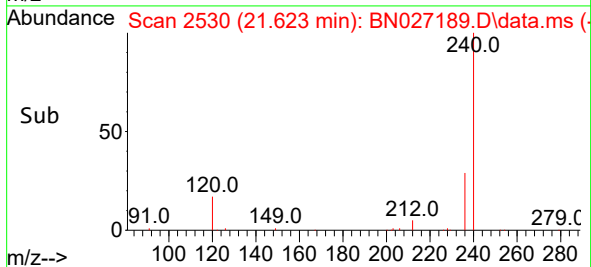
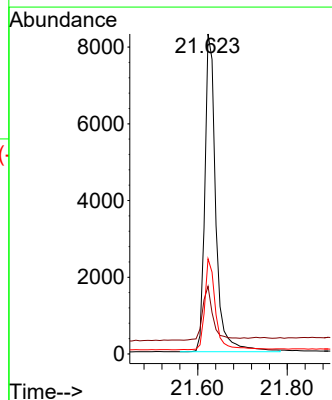
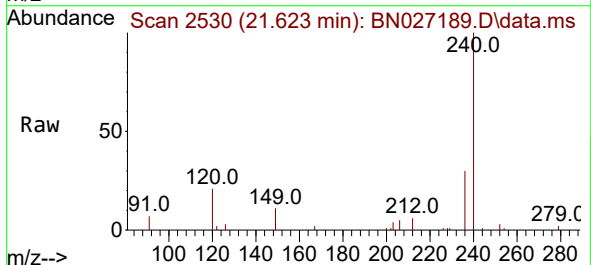
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230817

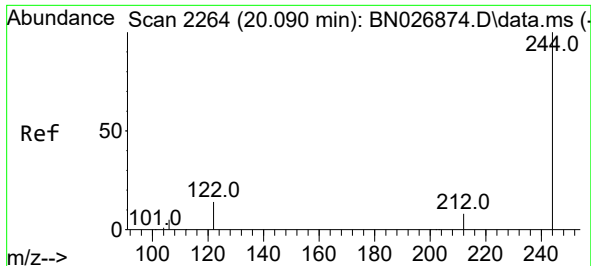
Tgt Ion:212 Resp: 21474
Ion Ratio Lower Upper
212 100
106 15.8 10.9 16.3
104 9.5 5.9 8.9#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. -0.009 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

Tgt Ion:240 Resp: 14133
Ion Ratio Lower Upper
240 100
120 21.2 11.1 16.7#
236 29.7 22.2 33.2

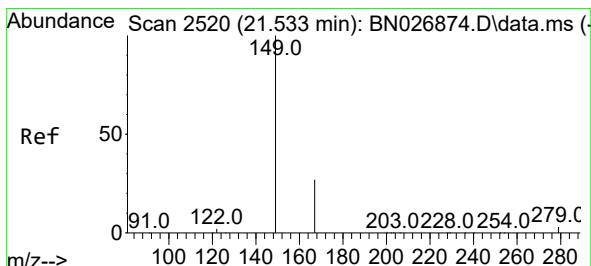
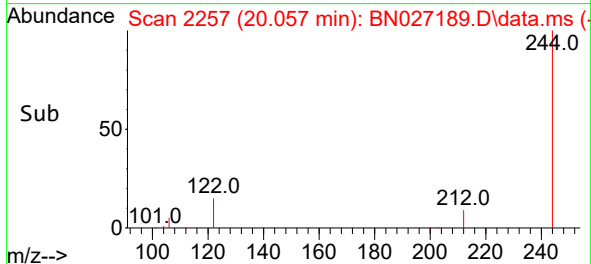
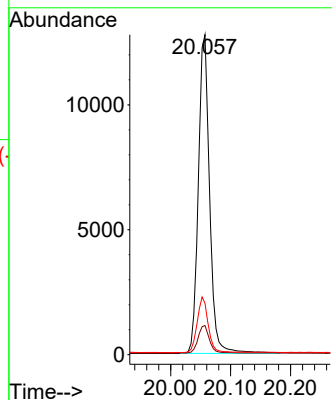
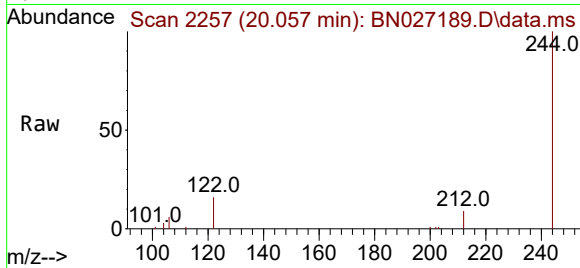




#31
Terphenyl-d14
Concen: 0.564 ng
RT: 20.057 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

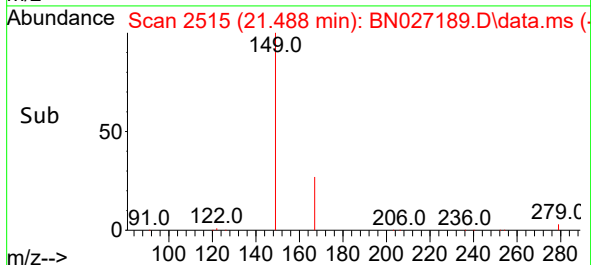
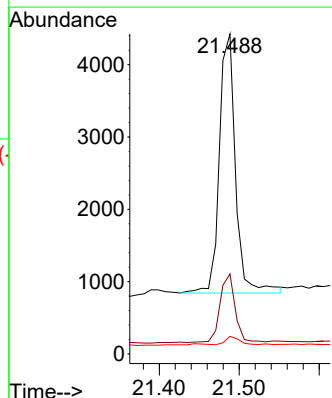
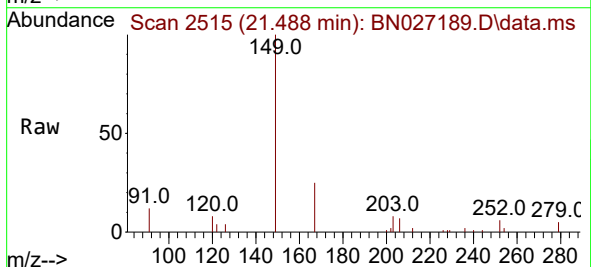
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230817

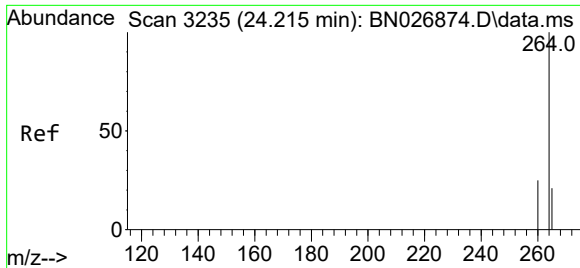
Tgt Ion:244 Resp: 16670
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 16.1 11.9 17.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.138 ng
RT: 21.488 min Scan# 2515
Delta R.T. -0.009 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

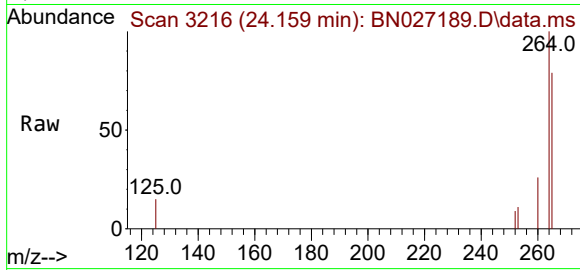
Tgt Ion:149 Resp: 5054
Ion Ratio Lower Upper
149 100
167 24.6 21.4 32.0
279 2.7 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.159 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN027189.D
Acq: 27 Aug 2023 13:59

Instrument :
BNA_N
ClientSampleId :
RE120D2-20230817



Tgt Ion:264 Resp: 12150

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	78.9	27.0	40.6

