

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016786.D
 Acq On : 06 Oct 2021 19:17
 Operator : CG/JU
 Sample : M4063-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Oct 07 00:59:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

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

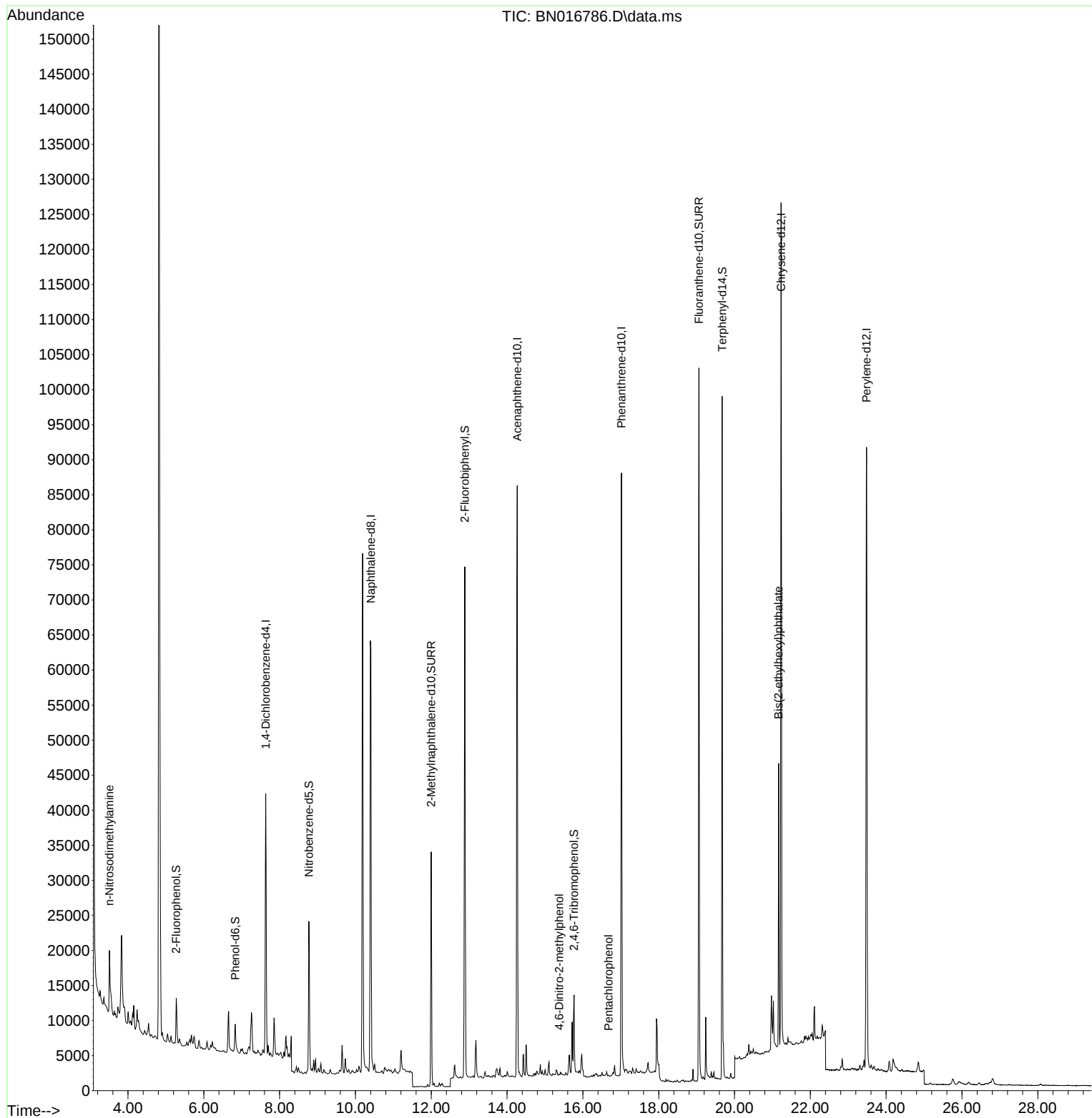
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	20078	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	93808	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	53052	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	107583	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	108880	0.400	ng	# 0.00
35) Perylene-d12	23.481	264	114976	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	6472	0.126	ng	0.03
5) Phenol-d6	6.831	99	3978	0.070	ng	0.02
8) Nitrobenzene-d5	8.772	82	18946	0.288	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	45501	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9704	0.434	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	59513	0.280	ng	0.00
27) Fluoranthene-d10	19.063	212	116756	0.397	ng	0.00
31) Terphenyl-d14	19.673	244	94754	0.389	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.512	42	2373	0.157	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.373	198	24	0.269	ng	# 1
24) Pentachlorophenol	16.677	266	81	0.341	ng	95
34) Bis(2-ethylhexyl)phtha...	21.164	149	32581	0.159	ng	99

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

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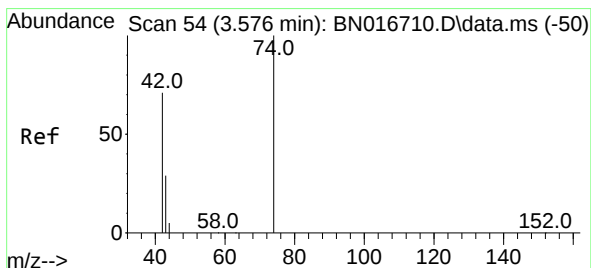
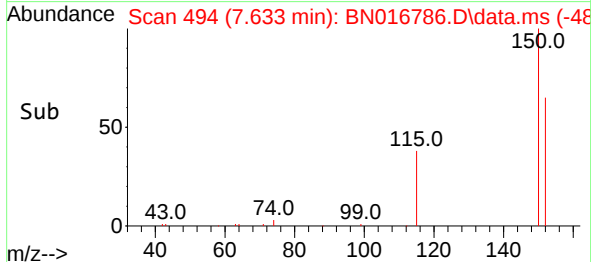
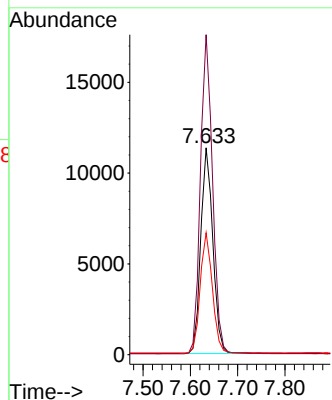
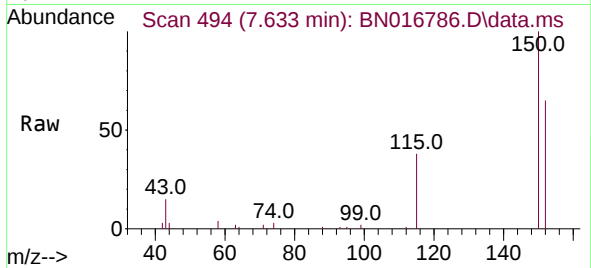




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

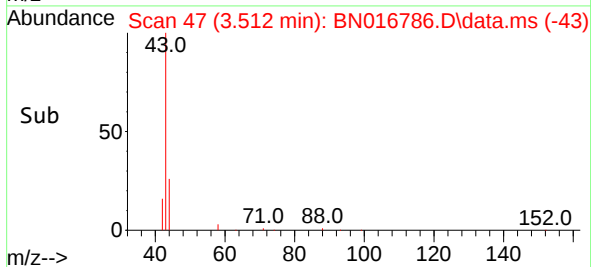
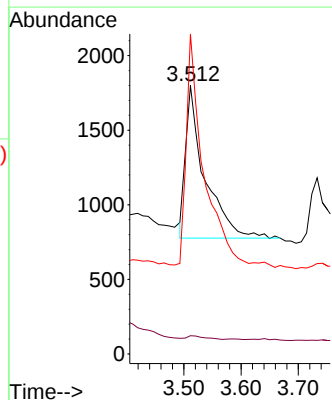
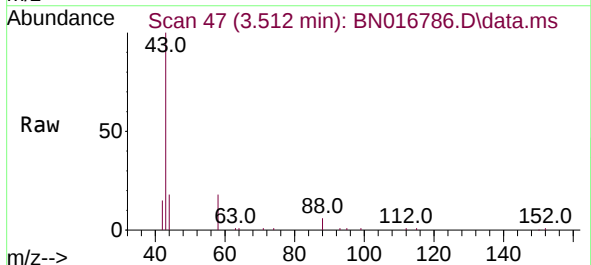
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

Tgt Ion:152 Resp: 20078
Ion Ratio Lower Upper
152 100
150 154.7 123.3 184.9
115 58.9 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.157 ng
RT: 3.512 min Scan# 47
Delta R.T. -0.064 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

Tgt Ion: 42 Resp: 2373
Ion Ratio Lower Upper
42 100
74 2.1 124.0 186.0#
44 142.9 5.6 8.4#

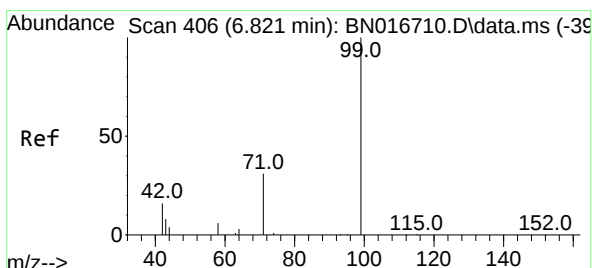
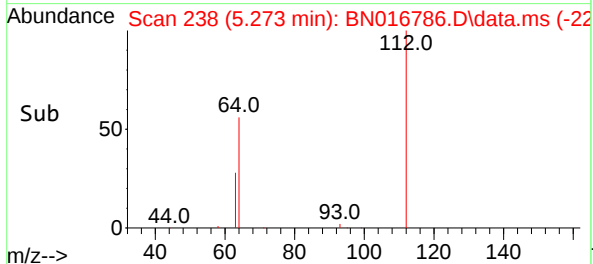
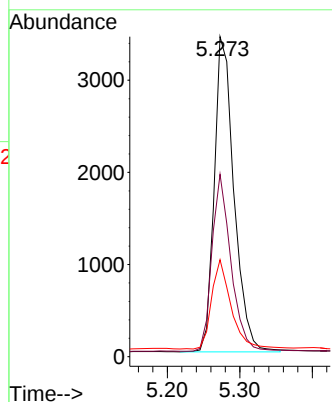
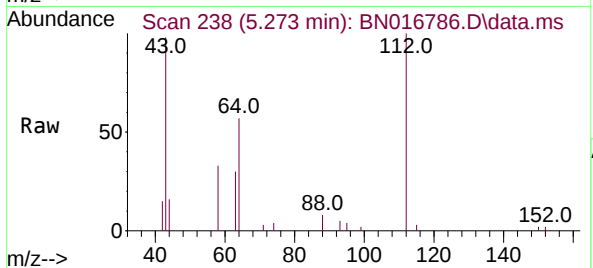




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.028 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

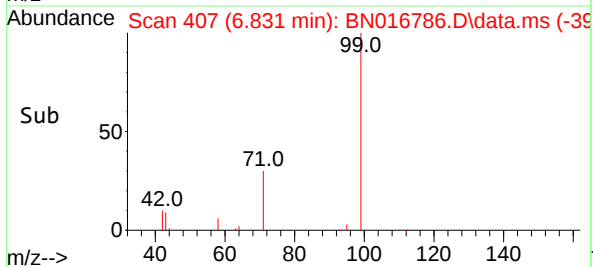
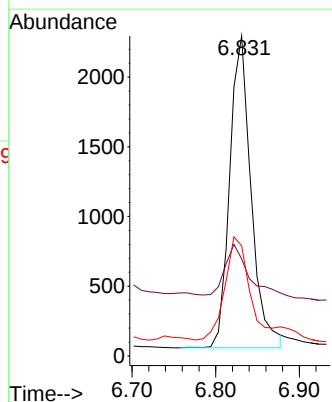
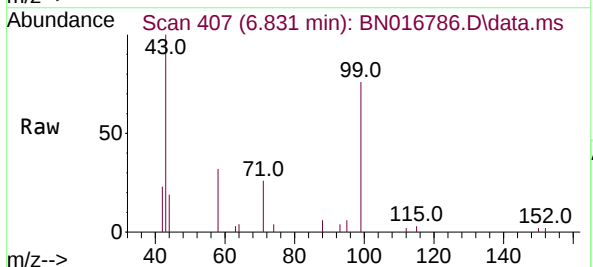
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

Tgt Ion:	112	Resp:	6472
Ion	Ratio	Lower	Upper
112	100		
64	53.7	42.9	64.3
63	28.0	21.5	32.3



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.019 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

Tgt Ion:	99	Resp:	3978
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.2
71	38.0	24.0	36.0

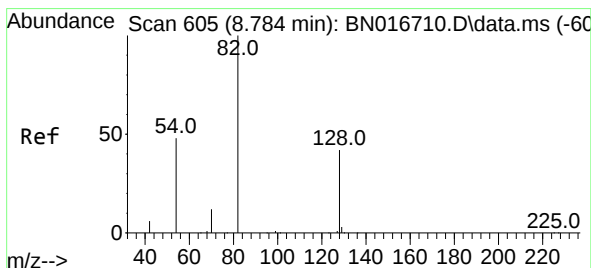
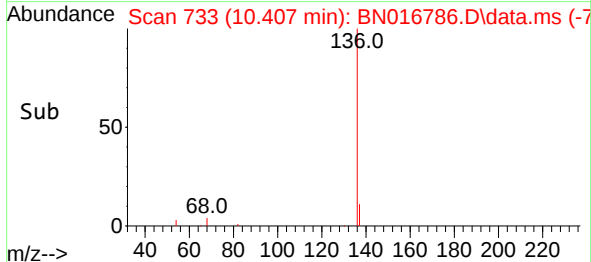
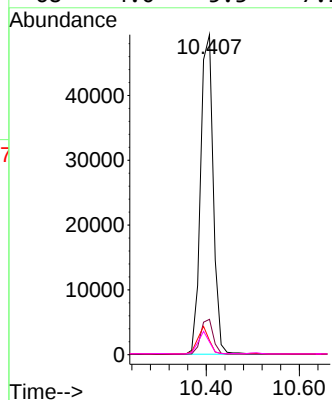
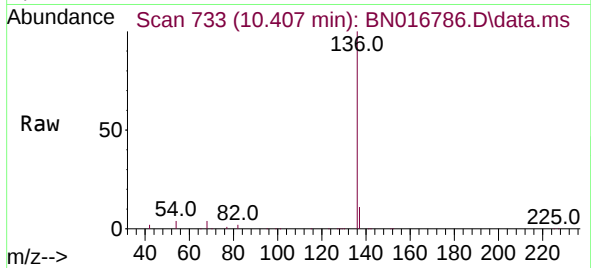




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

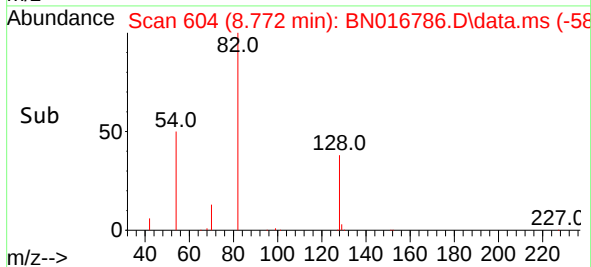
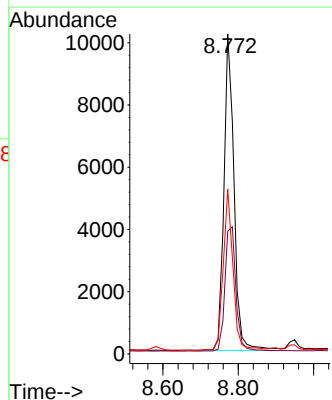
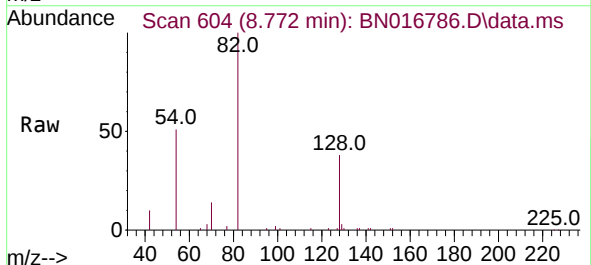
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

Tgt Ion:	136	Resp:	93808
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	4.4	6.5	9.7#
68	4.0	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

Tgt Ion:	82	Resp:	18946
Ion Ratio	Lower	Upper	
82	100		
128	38.3	33.8	50.6
54	51.5	38.5	57.7

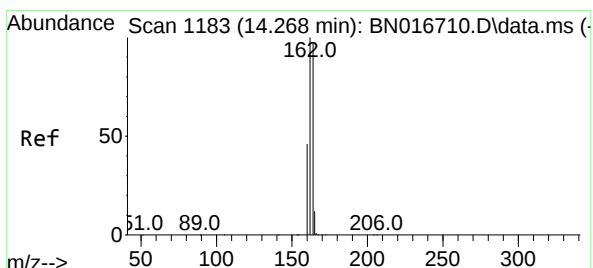
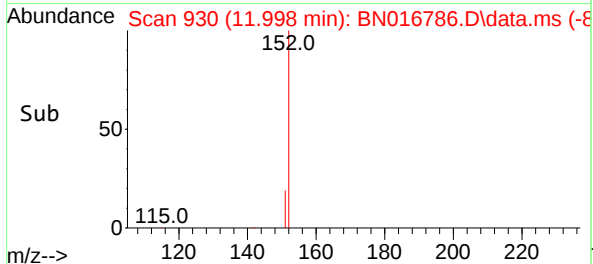
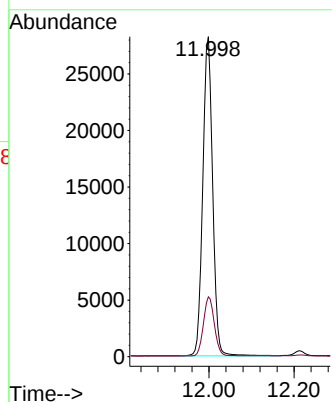
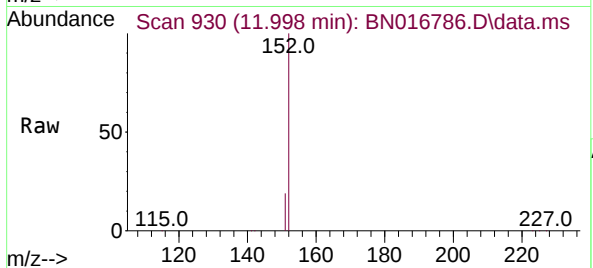




#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 11.998 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

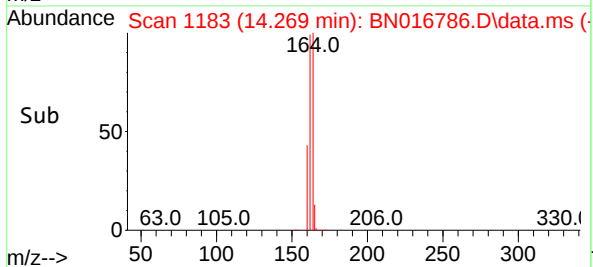
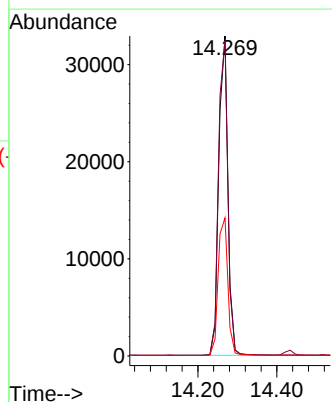
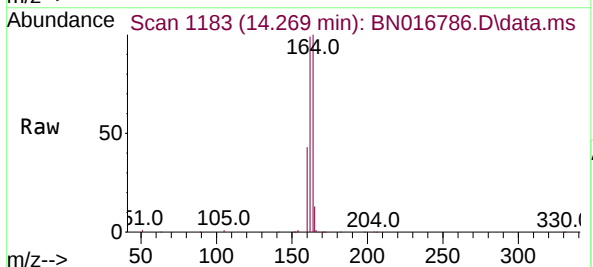
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

Tgt Ion:152 Resp: 45501
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

Tgt Ion:164 Resp: 53052
Ion Ratio Lower Upper
164 100
162 98.5 82.6 124.0
160 43.2 38.2 57.2

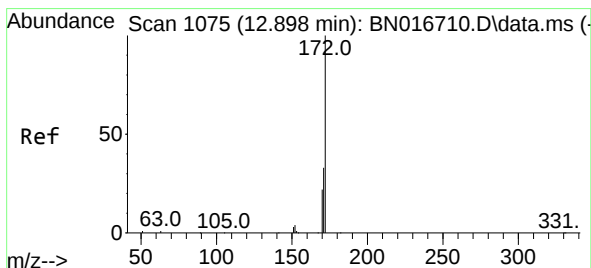
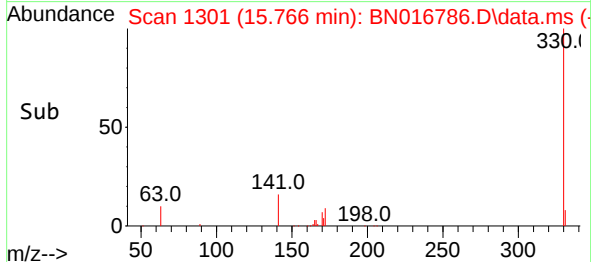
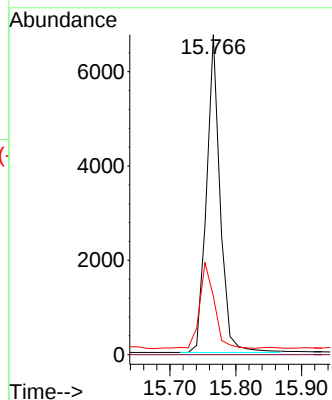
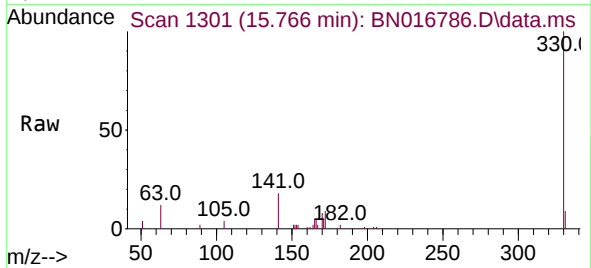




#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

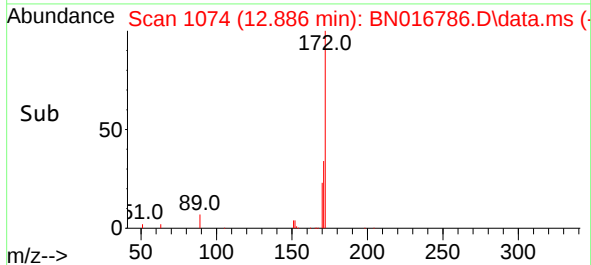
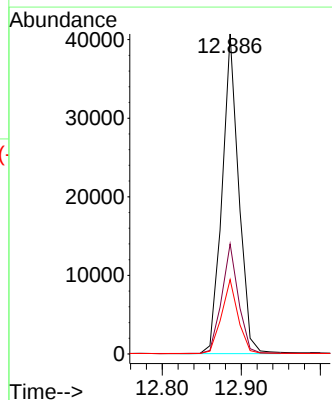
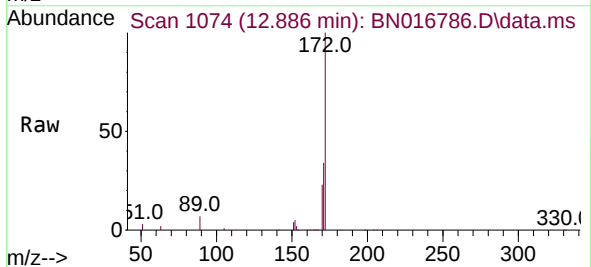
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

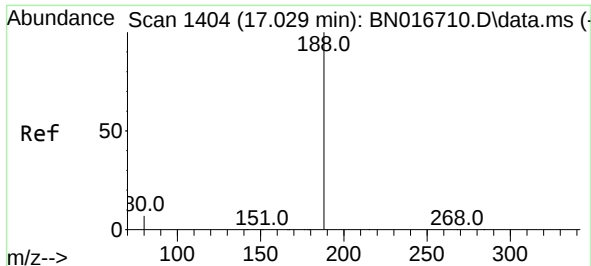
Tgt Ion:330 Resp: 9704
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.6 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

Tgt Ion:172 Resp: 59513
Ion Ratio Lower Upper
172 100
171 34.4 26.9 40.3
170 23.2 17.4 26.0

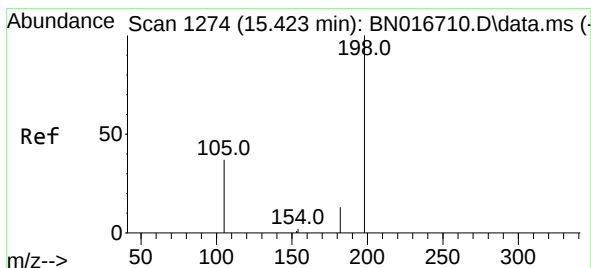
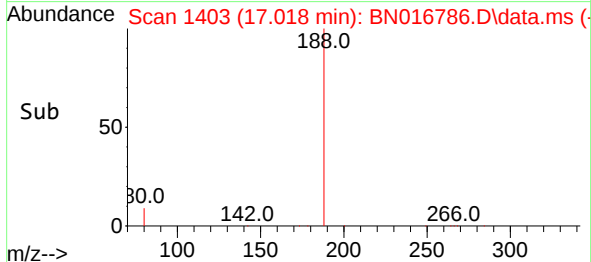
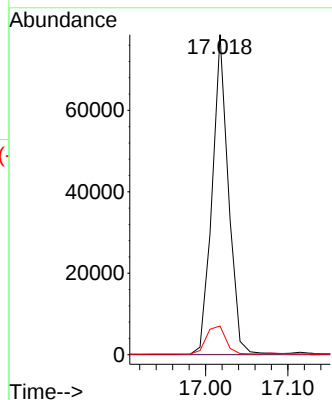
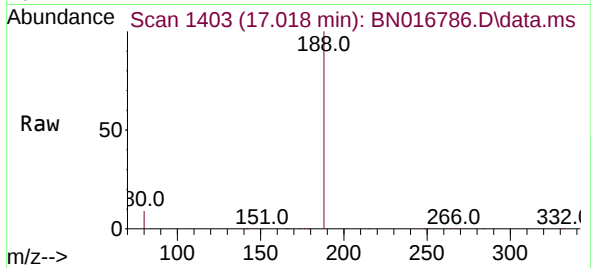




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

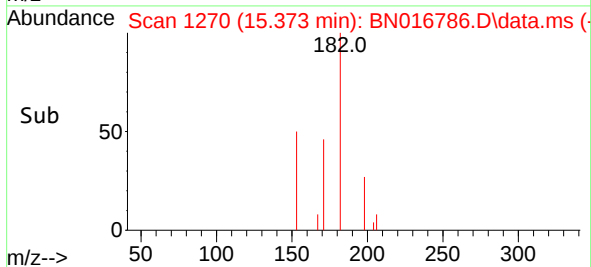
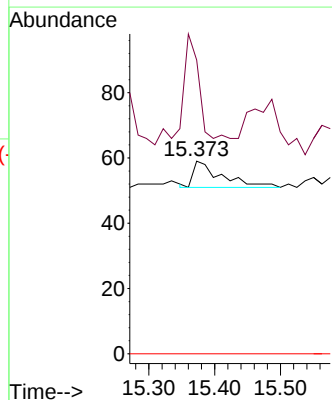
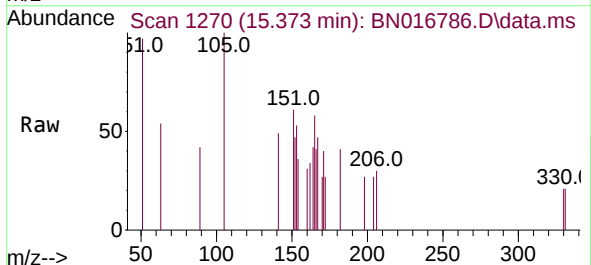
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

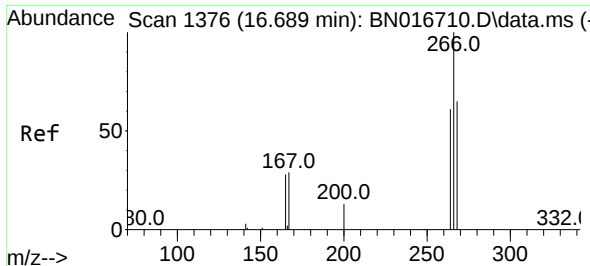
Tgt Ion:188 Resp: 107583
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 5.8 8.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.269 ng
RT: 15.373 min Scan# 1270
Delta R.T. -0.038 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
182 152.5 26.2 39.2#
77 0.0 0.0 0.0

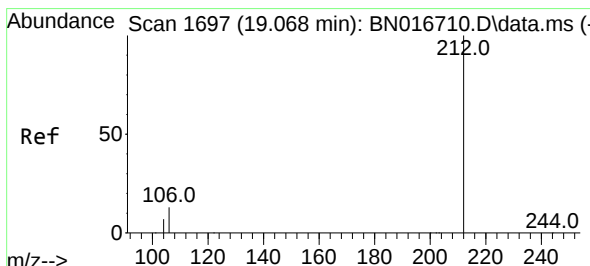
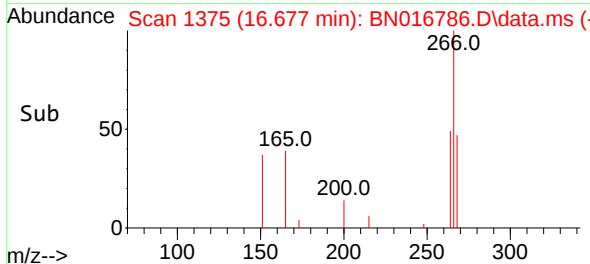
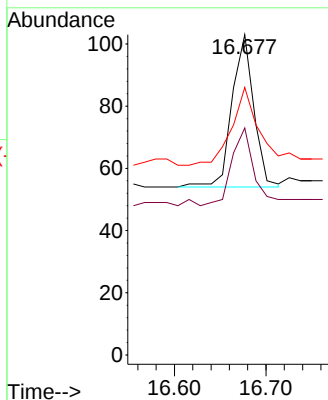
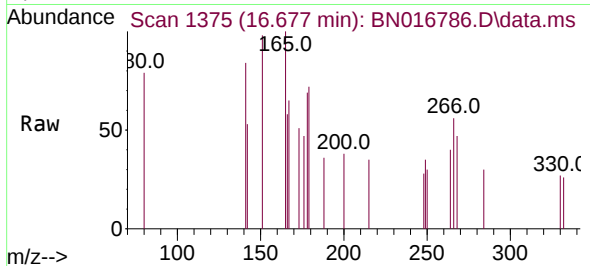




#24
 Pentachlorophenol
 Concen: 0.341 ng
 RT: 16.677 min Scan# 1375
 Delta R.T. 0.000 min
 Lab File: BN016786.D
 Acq: 06 Oct 2021 19:17

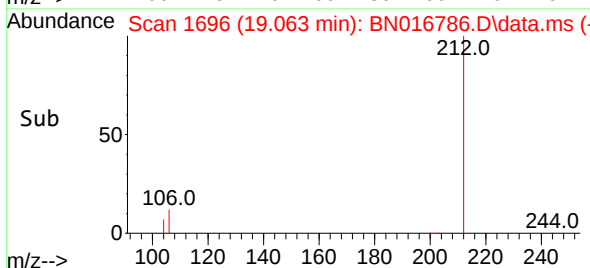
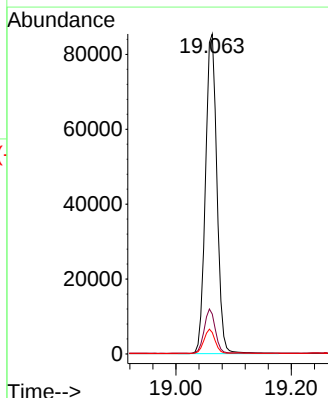
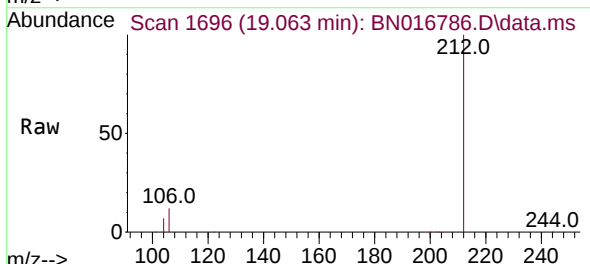
Instrument :
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 SW-RR-01-(2.0)

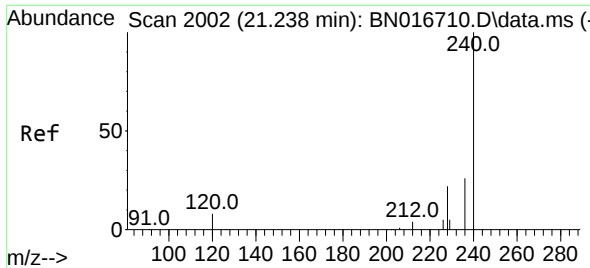
Tgt Ion:266	Resp:	81
Ion	Ratio	Lower Upper
266	100	
264	58.0	49.3 73.9
268	69.1	51.8 77.8



#27
 Fluoranthene-d10
 Concen: 0.397 ng
 RT: 19.063 min Scan# 1696
 Delta R.T. 0.000 min
 Lab File: BN016786.D
 Acq: 06 Oct 2021 19:17

Tgt Ion:212	Resp:	116756
Ion	Ratio	Lower Upper
212	100	
106	13.5	10.6 16.0
104	7.3	5.8 8.8

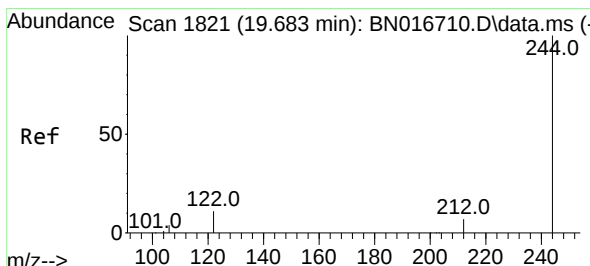
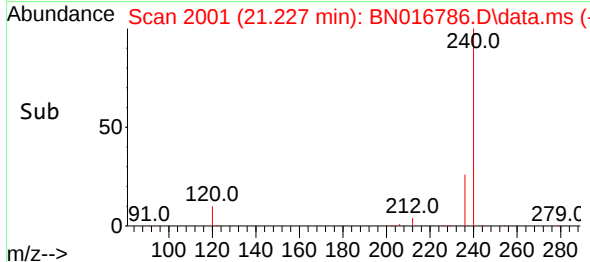
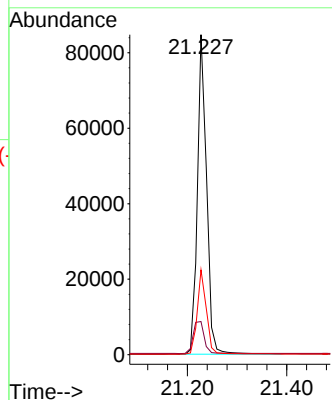
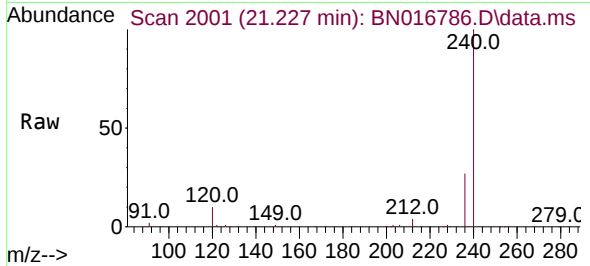




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

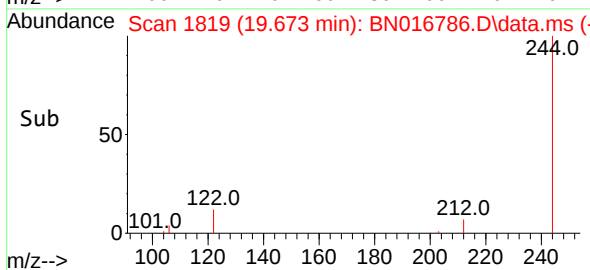
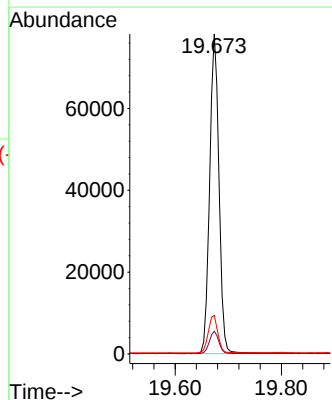
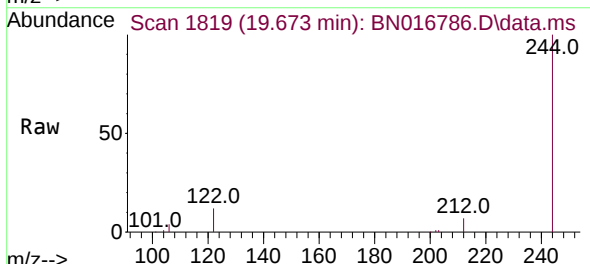
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

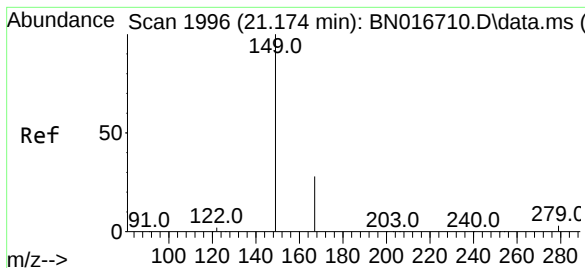
Tgt Ion:240 Resp: 108880
Ion Ratio Lower Upper
240 100
120 10.3 6.6 10.0#
236 26.5 20.7 31.1



#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.673 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016786.D
Acq: 06 Oct 2021 19:17

Tgt Ion:244 Resp: 94754
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 12.0 8.9 13.3

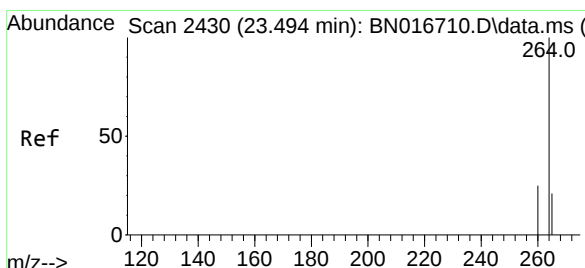
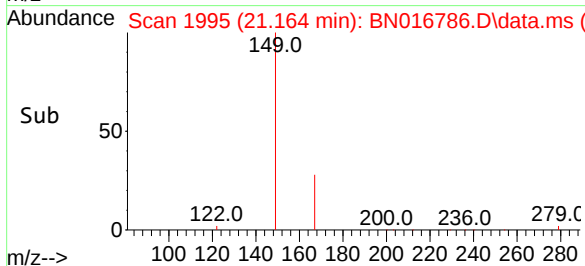
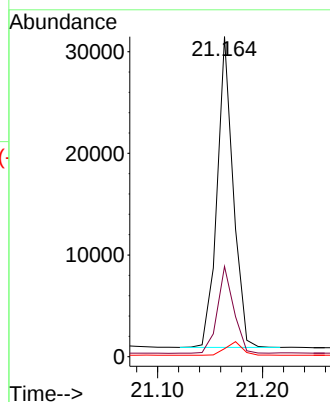
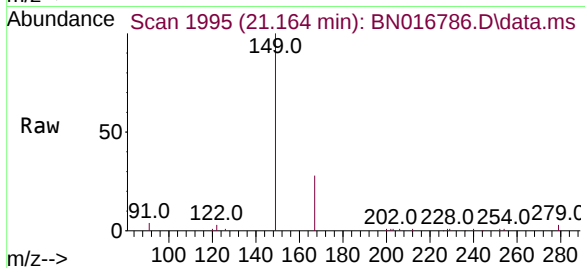




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.159 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. 0.000 min
 Lab File: BN016786.D
 Acq: 06 Oct 2021 19:17

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

Tgt Ion:	149	Resp:	32581
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.2	33.4
279	4.6	3.4	5.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. 0.000 min
 Lab File: BN016786.D
 Acq: 06 Oct 2021 19:17

Tgt Ion:	264	Resp:	114976
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.8	29.6
265	23.1	20.3	30.5

