

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016785.D
 Acq On : 06 Oct 2021 18:40
 Operator : CG/JU
 Sample : M4063-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 07 00:58:50 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)

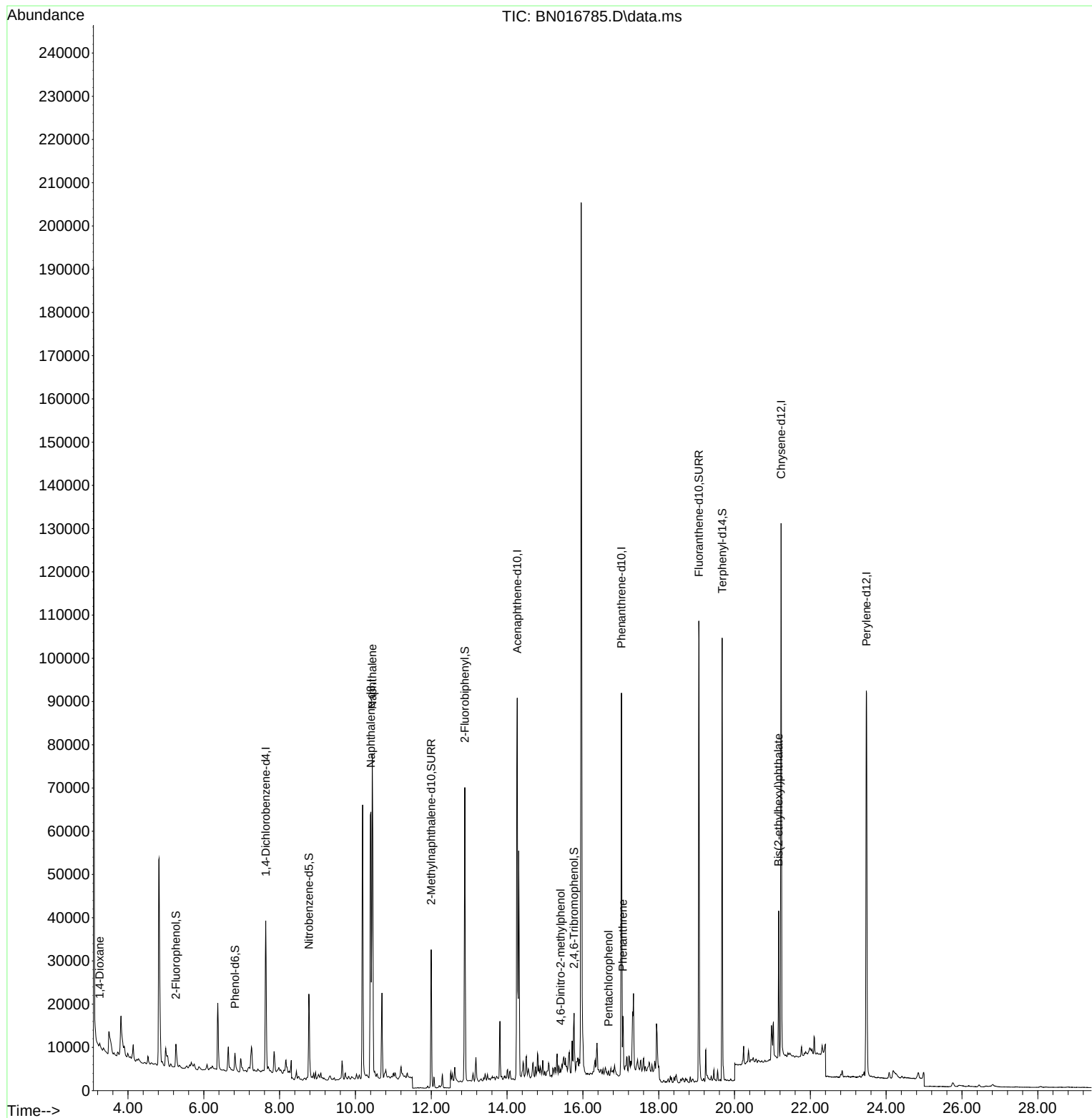
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	20003	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	93952	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	54838	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	108778	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	111802	0.400	ng	# 0.00
35) Perylene-d12	23.478	264	118994	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	6655	0.130	ng	0.02
5) Phenol-d6	6.822	99	4327	0.076	ng	0.00
8) Nitrobenzene-d5	8.772	82	17733	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	43134	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10264	0.442	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	55810	0.254	ng	0.00
27) Fluoranthene-d10	19.058	212	119347	0.401	ng	0.00
31) Terphenyl-d14	19.673	244	97266	0.389	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	300	0.032	ng	# 68
9) Naphthalene	10.445	128	90244	0.351	ng	99
20) 4,6-Dinitro-2-methylph...	15.411	198	43	0.271	ng	# 1
24) Pentachlorophenol	16.677	266	289	0.346	ng	91
25) Phenanthrene	17.054	178	15358	0.048	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.164	149	27214	0.129	ng	98

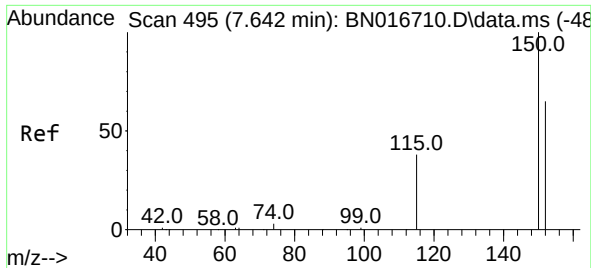
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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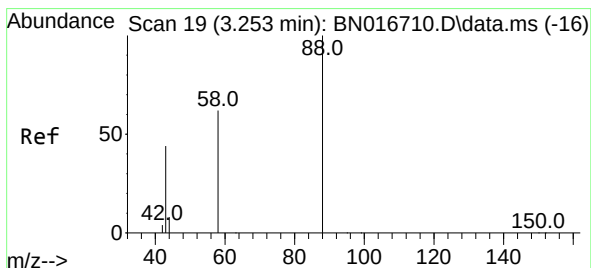
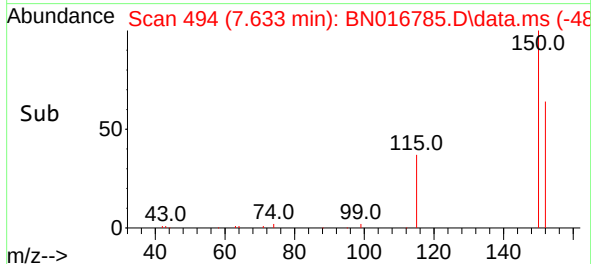
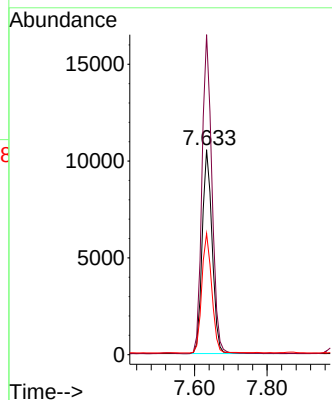
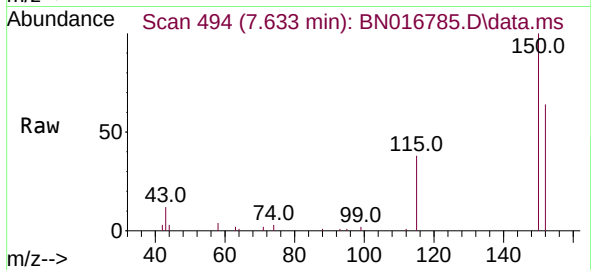




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: BN016785.D
 Acq: 06 Oct 2021 18:40

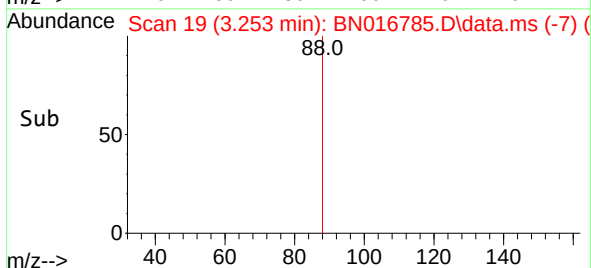
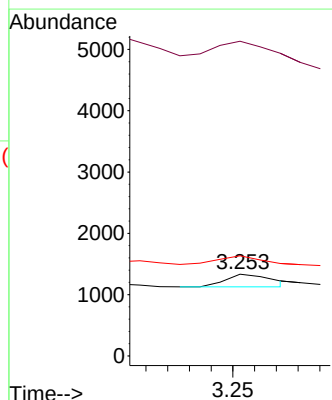
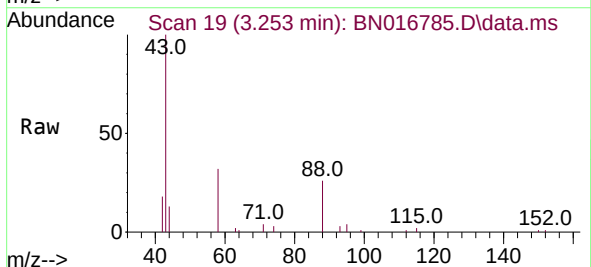
Instrument :
 BNA_N
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 SW-RR-03-(SA)

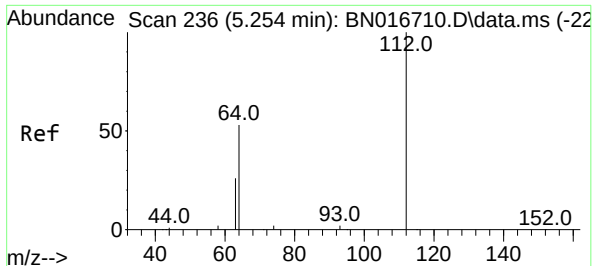
Tgt Ion:152 Resp: 20003
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.3 184.9
 115 59.1 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.032 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.009 min
 Lab File: BN016785.D
 Acq: 06 Oct 2021 18:40

Tgt Ion: 88 Resp: 300
 Ion Ratio Lower Upper
 88 100
 43 116.0 61.7 92.5#
 58 61.3 62.2 93.2#

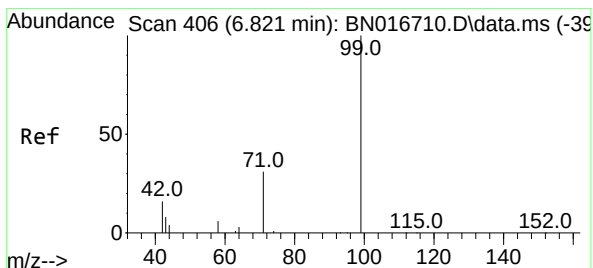
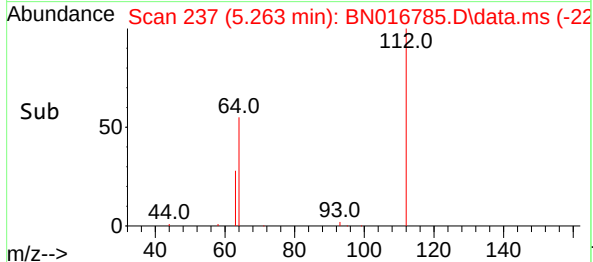
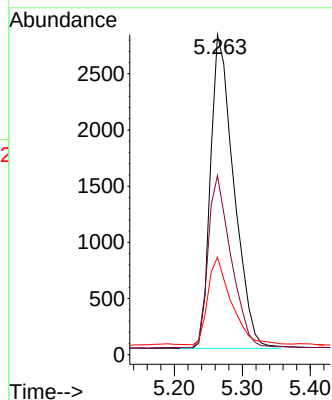
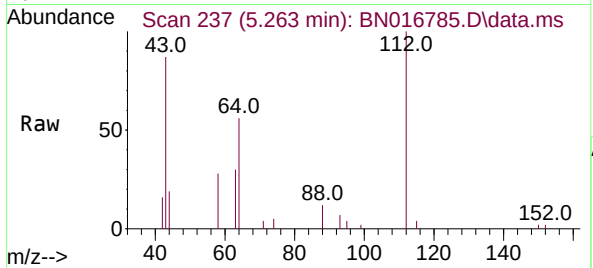




#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.018 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

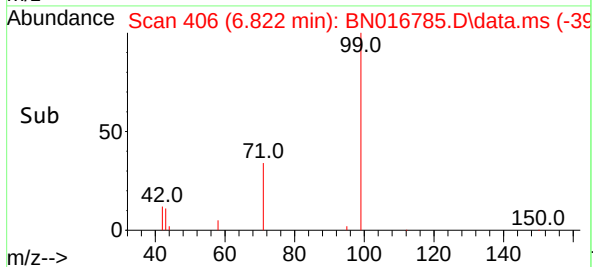
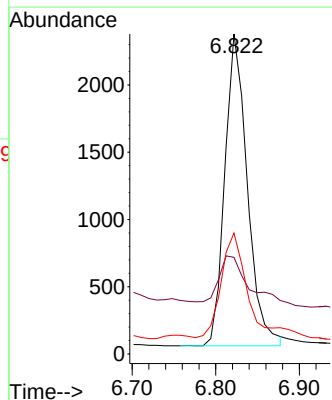
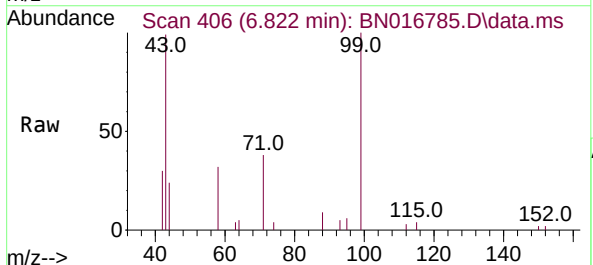
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

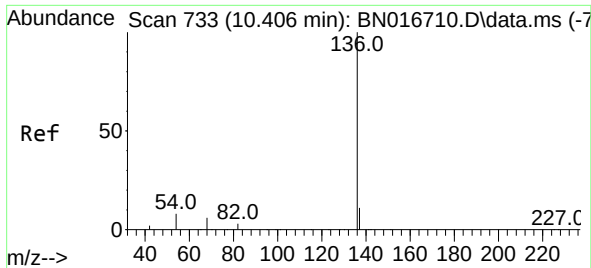
Tgt Ion:	112	Resp:	6655
Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.9	64.3
63	27.8	21.5	32.3



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

Tgt Ion:	99	Resp:	4327
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.4	20.2
71	37.0	24.0	36.0

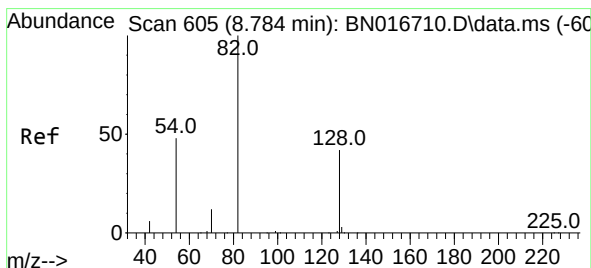
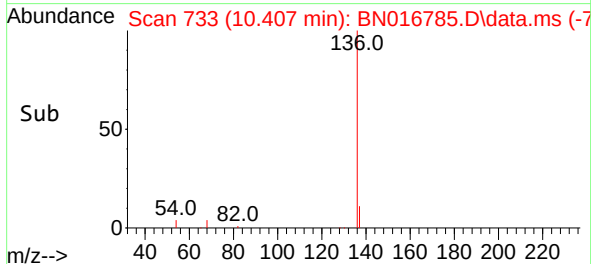
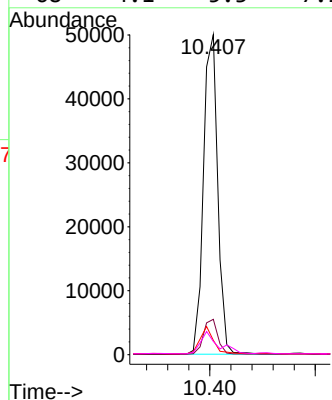
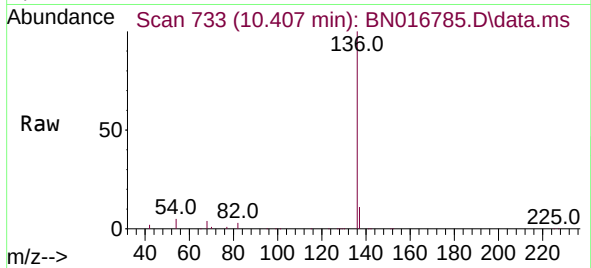




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

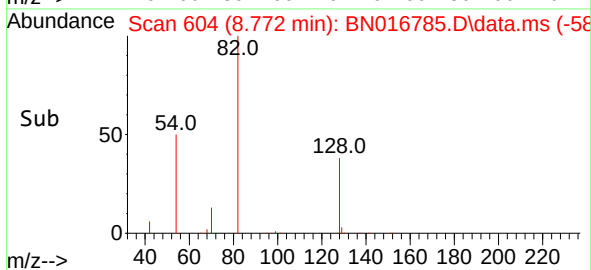
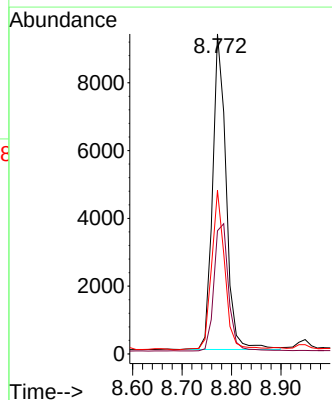
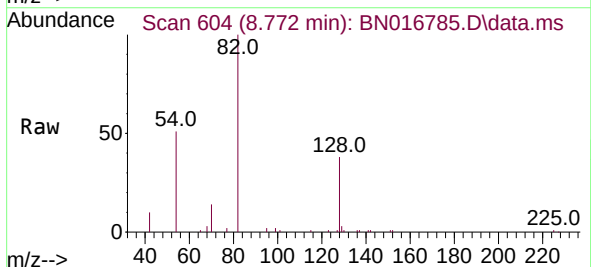
Instrument :
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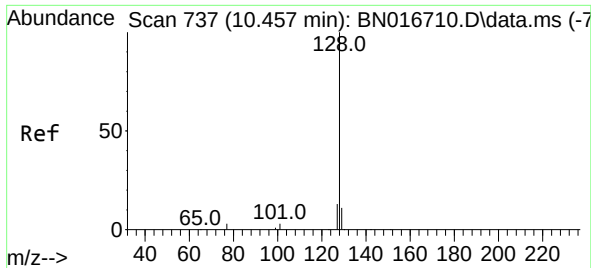
Tgt Ion:	136	Resp:	93952
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	4.5	6.5	9.7#
68	4.1	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

Tgt Ion:	82	Resp:	17733
Ion Ratio	Lower	Upper	
82	100		
128	38.5	33.8	50.6
54	51.1	38.5	57.7

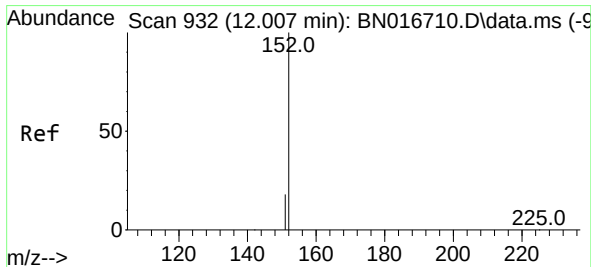
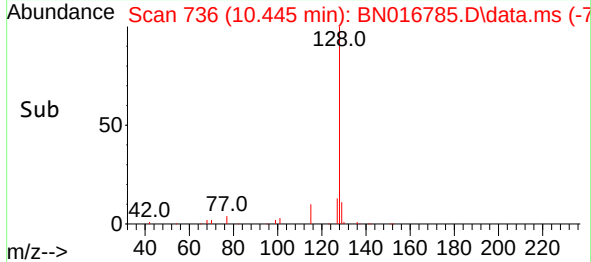
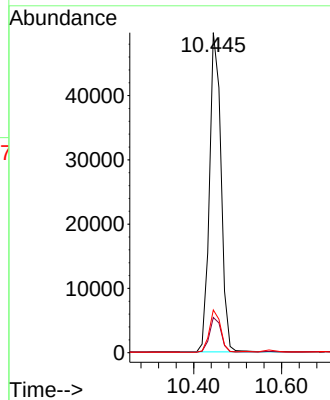
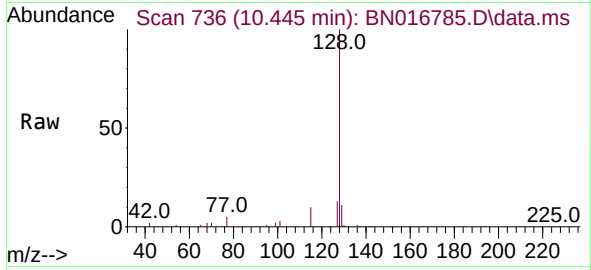




#9
Naphthalene
Concen: 0.351 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

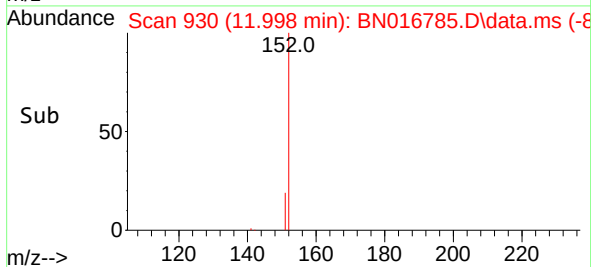
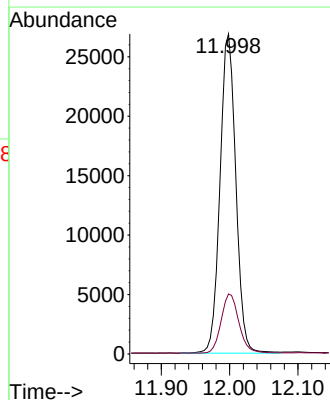
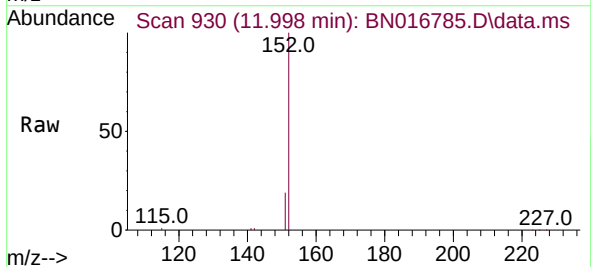
Instrument :
BNA_N
ClientSampleId :
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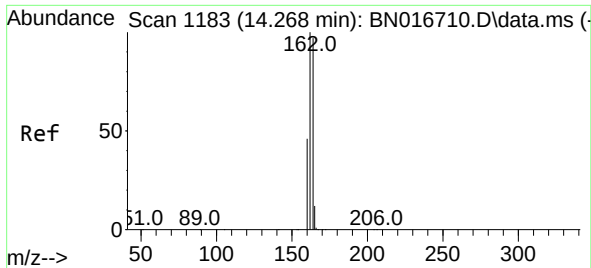
Tgt Ion:	128	Resp:	90244
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.7	13.1
127	13.3	10.3	15.5



#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 11.998 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

Tgt Ion:	152	Resp:	43134
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.4

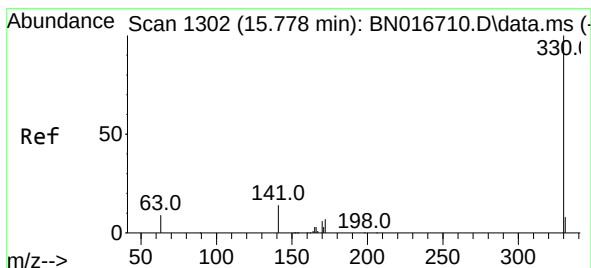
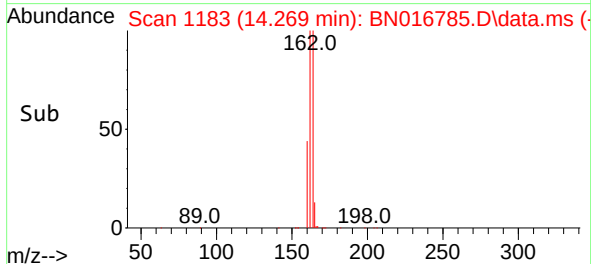
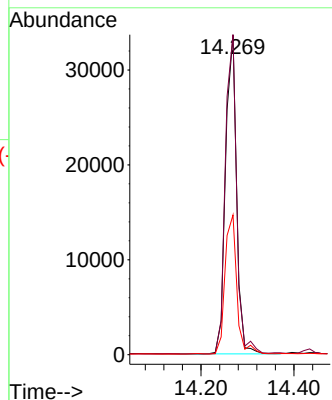
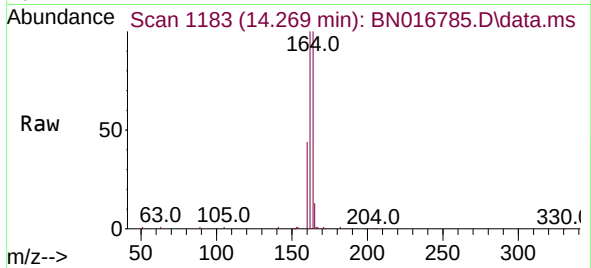




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

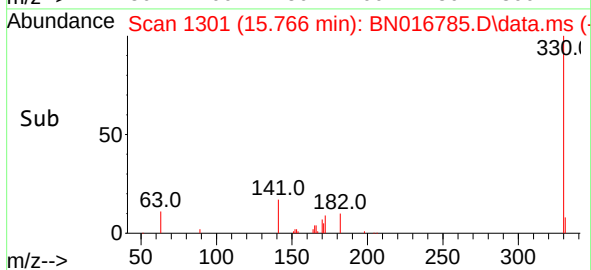
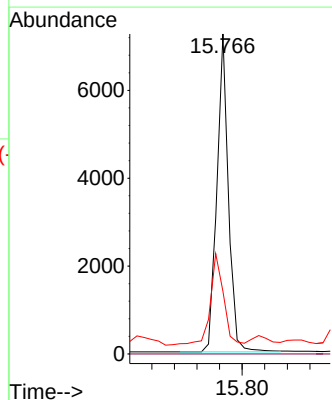
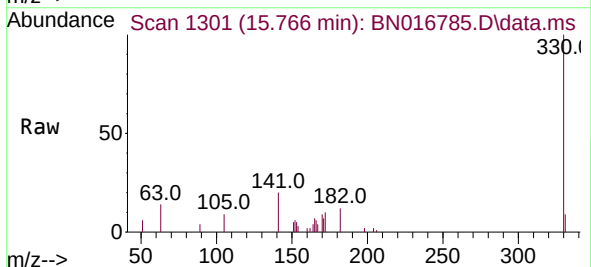
Instrument :
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ClientSampleId :
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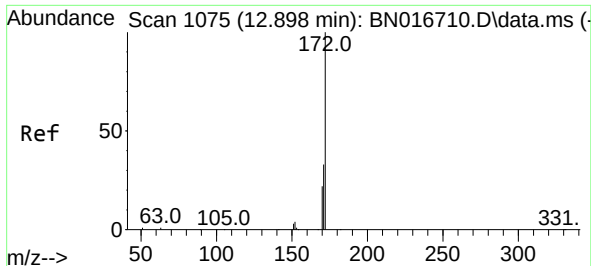
Tgt Ion:164 Resp: 54838
Ion Ratio Lower Upper
164 100
162 100.0 82.6 124.0
160 43.7 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.442 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

Tgt Ion:330 Resp: 10264
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.7 24.2 36.2

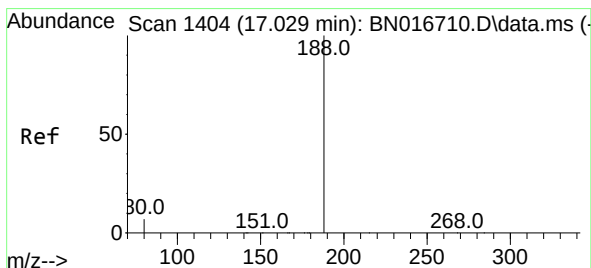
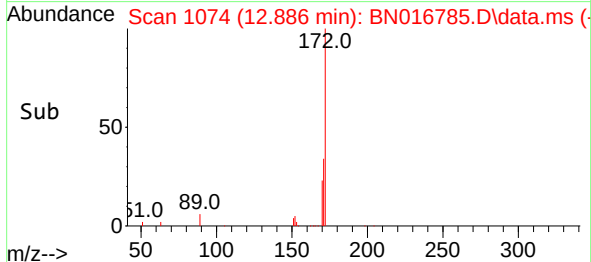
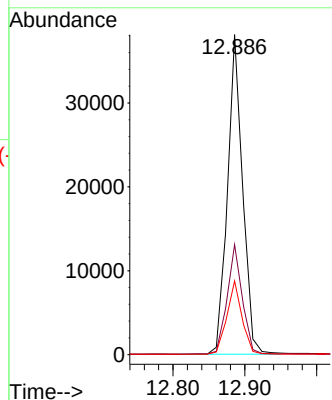
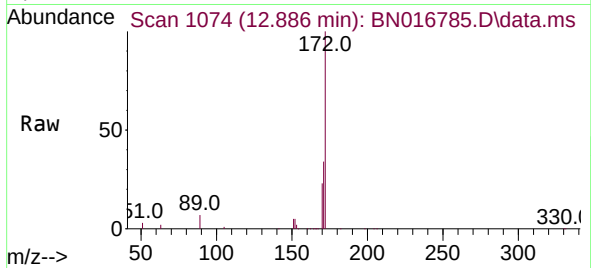




#15
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

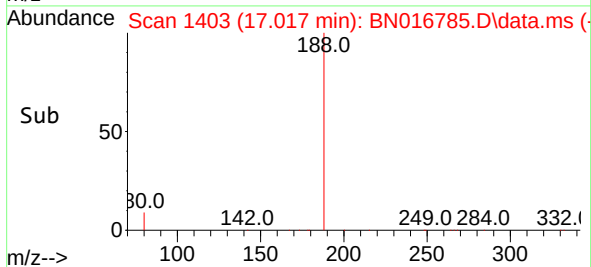
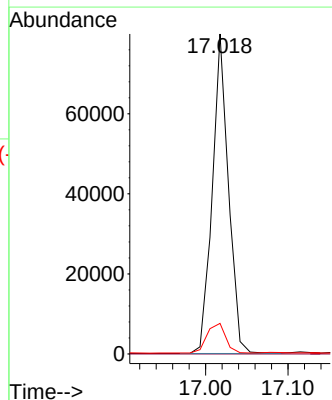
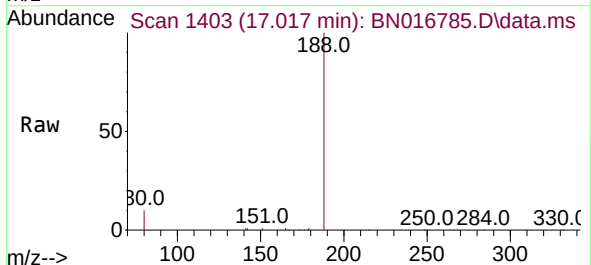
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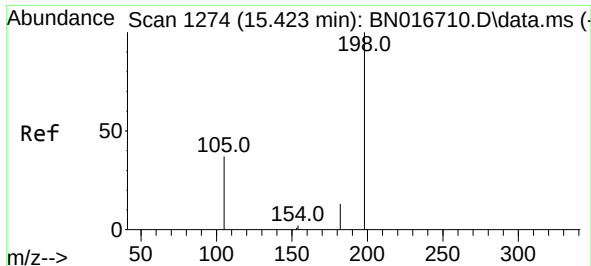
Tgt Ion:	172	Resp:	55810
Ion Ratio	Lower	Upper	
172	100		
171	34.4	26.9	40.3
170	23.1	17.4	26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

Tgt Ion:	188	Resp:	108778
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.6	5.8	8.8

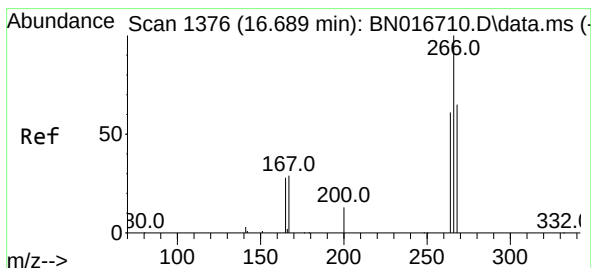
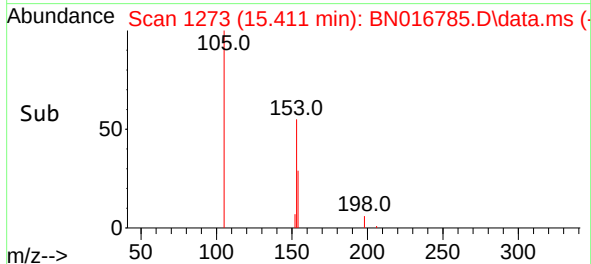
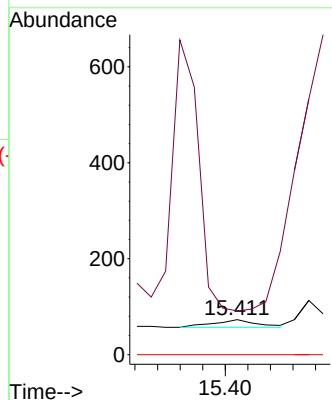
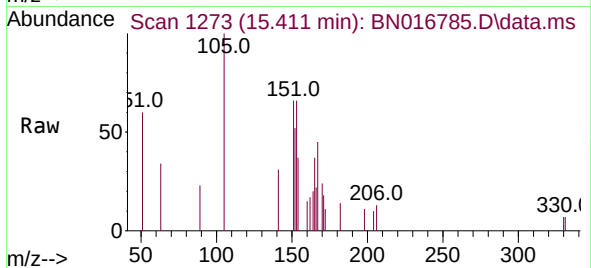




#20
4,6-Dinitro-2-methylphenol
Concen: 0.271 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

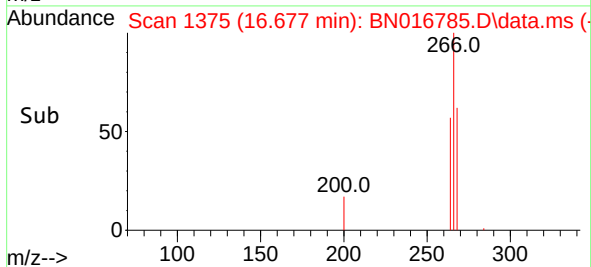
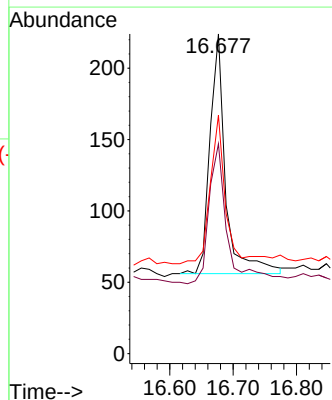
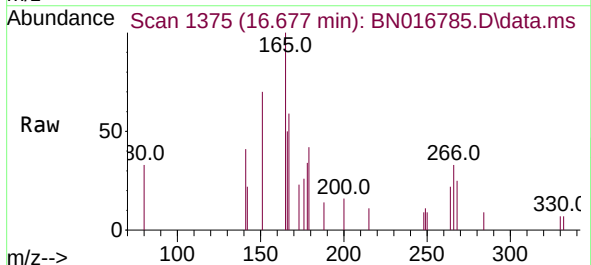
Instrument :
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SW-RR-03-(SA)

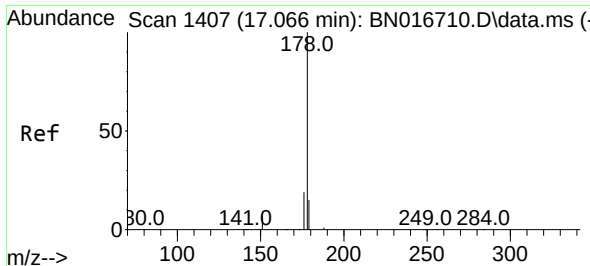
Tgt Ion:198 Resp: 43
Ion Ratio Lower Upper
198 100
182 124.7 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.346 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

Tgt Ion:266 Resp: 289
Ion Ratio Lower Upper
266 100
264 69.9 49.3 73.9
268 58.5 51.8 77.8

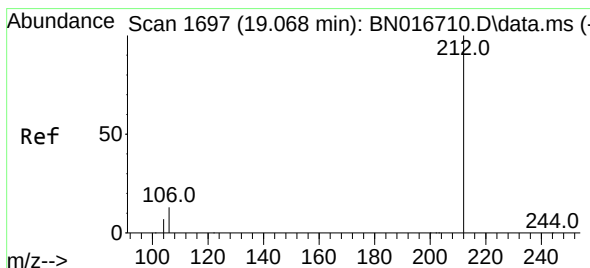
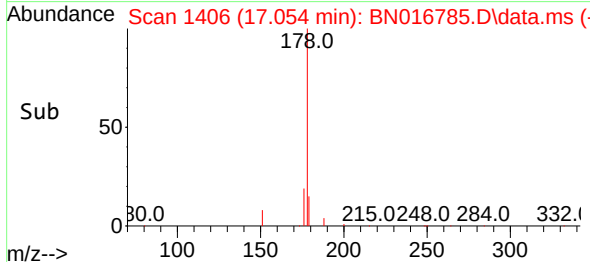
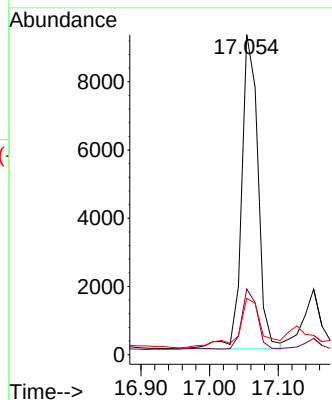
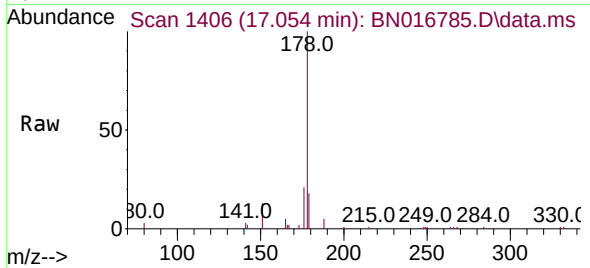




#25
Phenanthrene
Concen: 0.048 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

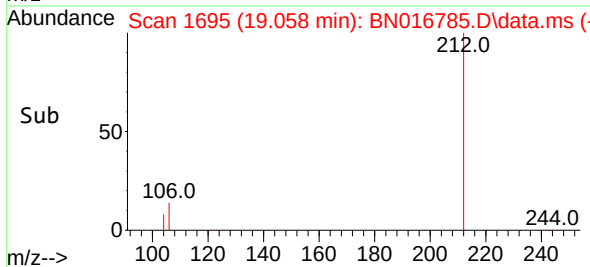
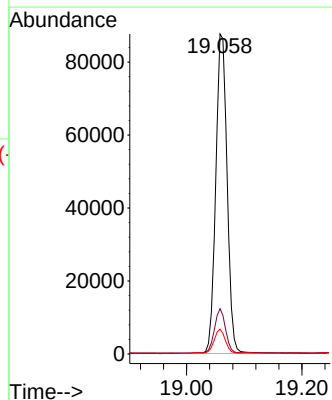
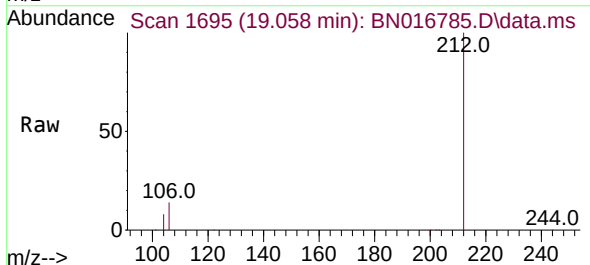
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

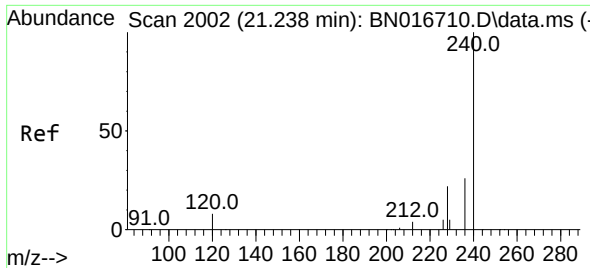
Tgt Ion:178 Resp: 15358
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.6
179 22.0 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

Tgt Ion:212 Resp: 119347
Ion Ratio Lower Upper
212 100
106 13.5 10.6 16.0
104 7.2 5.8 8.8

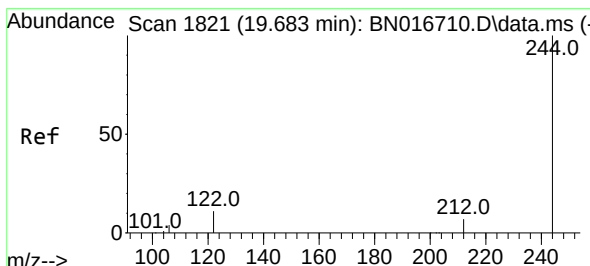
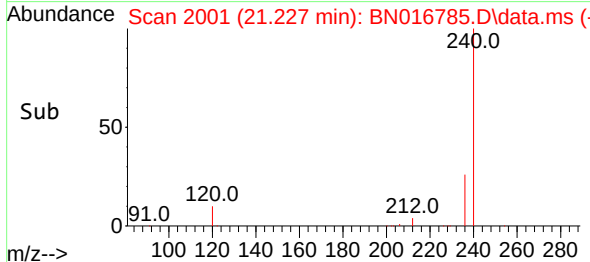
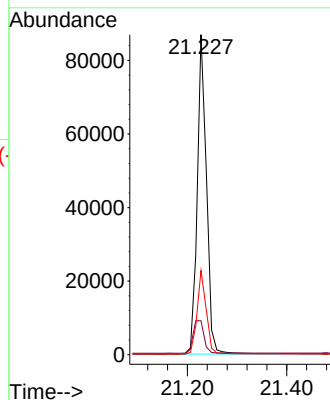
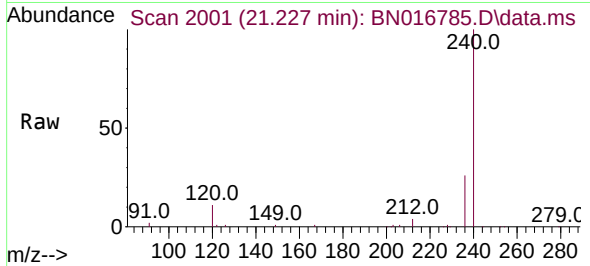




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

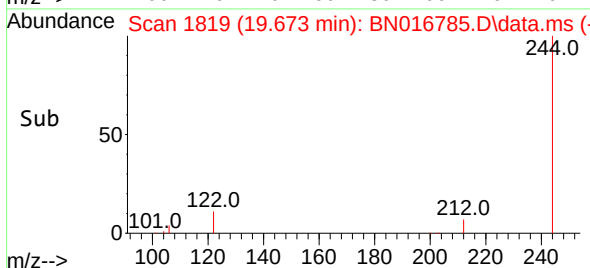
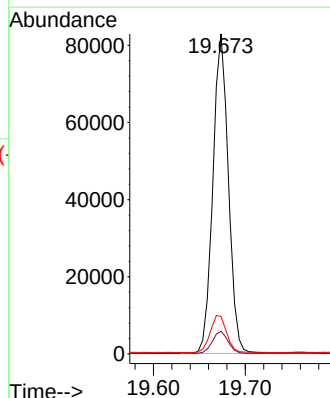
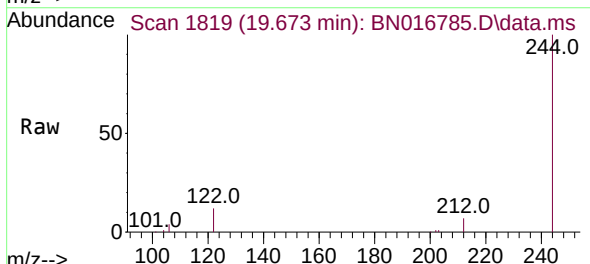
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

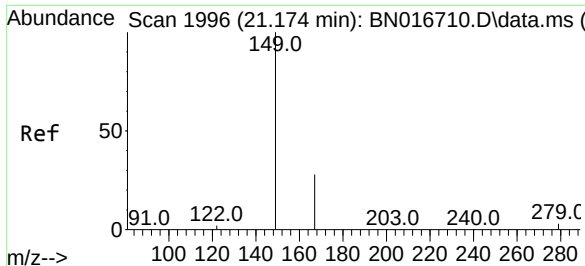
Tgt Ion:240 Resp: 111802
Ion Ratio Lower Upper
240 100
120 10.6 6.6 10.0#
236 26.3 20.7 31.1



#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.673 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

Tgt Ion:244 Resp: 97266
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.7 8.9 13.3

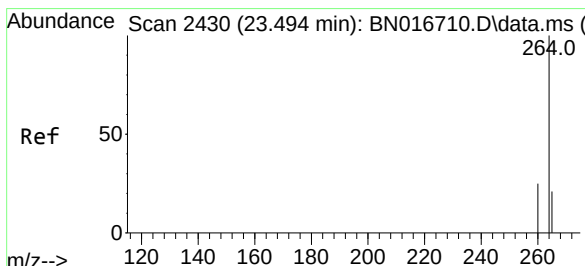
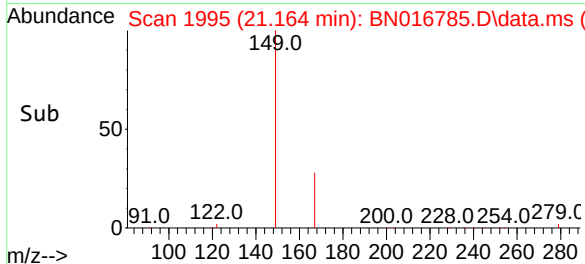
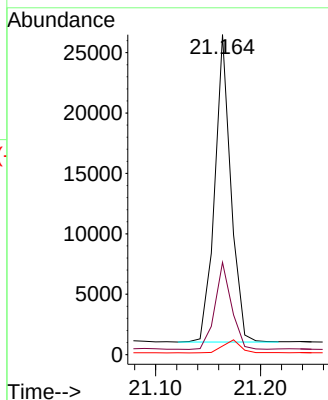
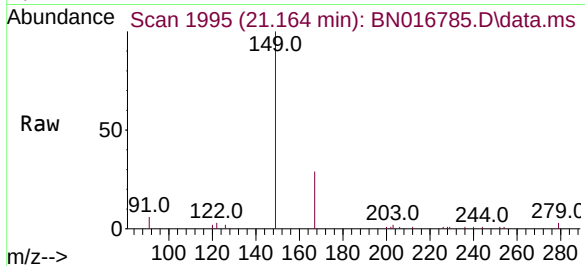




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.129 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. 0.000 min
 Lab File: BN016785.D
 Acq: 06 Oct 2021 18:40

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

Tgt Ion:149	Resp:	27214
Ion Ratio	Lower	Upper
149	100	
167	28.8	22.2 33.4
279	4.6	3.4 5.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.478 min Scan# 2425
 Delta R.T. -0.003 min
 Lab File: BN016785.D
 Acq: 06 Oct 2021 18:40

Tgt Ion:264	Resp:	118994
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.8 29.6
265	22.9	20.3 30.5

