

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013177.D
 Acq On : 16 Dec 2020 22:08
 Operator : CG/JU
 Sample : L4960-05RE
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BES-12SRRE

Manual Integrations
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Quant Time: Dec 17 03:08:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 16:49:20 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	998	0.40	ng	-0.02
7) Naphthalene-d8	10.099	136	4176	0.40	ng	#-0.01
13) Acenaphthene-d10	14.029	164	26708	0.40	ng	# 0.01
19) Phenanthrene-d10	16.763	188	6961	0.40	ng	#-0.01
29) Chrysene-d12	21.003	240	6101	0.40	ng	# 0.00
36) Perylene-d12	23.089	264	6052	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.946	112	1181	0.29	ng	-0.02
5) Phenol-d6	6.573	99	1159	0.28	ng	0.02
8) Nitrobenzene-d5	8.490	82	1124m	0.26	ng	-0.03
11) 2-Methylnaphthalene-d10	11.697	152	2591	0.35	ng	-0.03
14) 2,4,6-Tribromophenol	15.513	330	672	0.04	ng	-0.03
15) 2-Fluorobiphenyl	12.608	172	4070	0.04	ng	-0.03
27) Fluoranthene-d10	18.818	212	7095	0.31	ng	0.00
31) Terphenyl-d14	19.434	244	6209	0.40	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.150	128	717440	56.05	ng	96
12) 2-Methylnaphthalene	11.773	142	202350	23.31	ng	97
18) Fluorene	15.069	166	8144	0.07	ng	# 94
25) Phenanthrene	16.812	178	4135	0.18	ng	# 80
26) Anthracene	16.897	178	2338	0.12	ng	# 76
30) Pyrene	19.215	202	3184	0.13	ng	# 93
34) Bis(2-ethylhexyl)phtha...	20.929	149	26303	2.10	ng	97

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

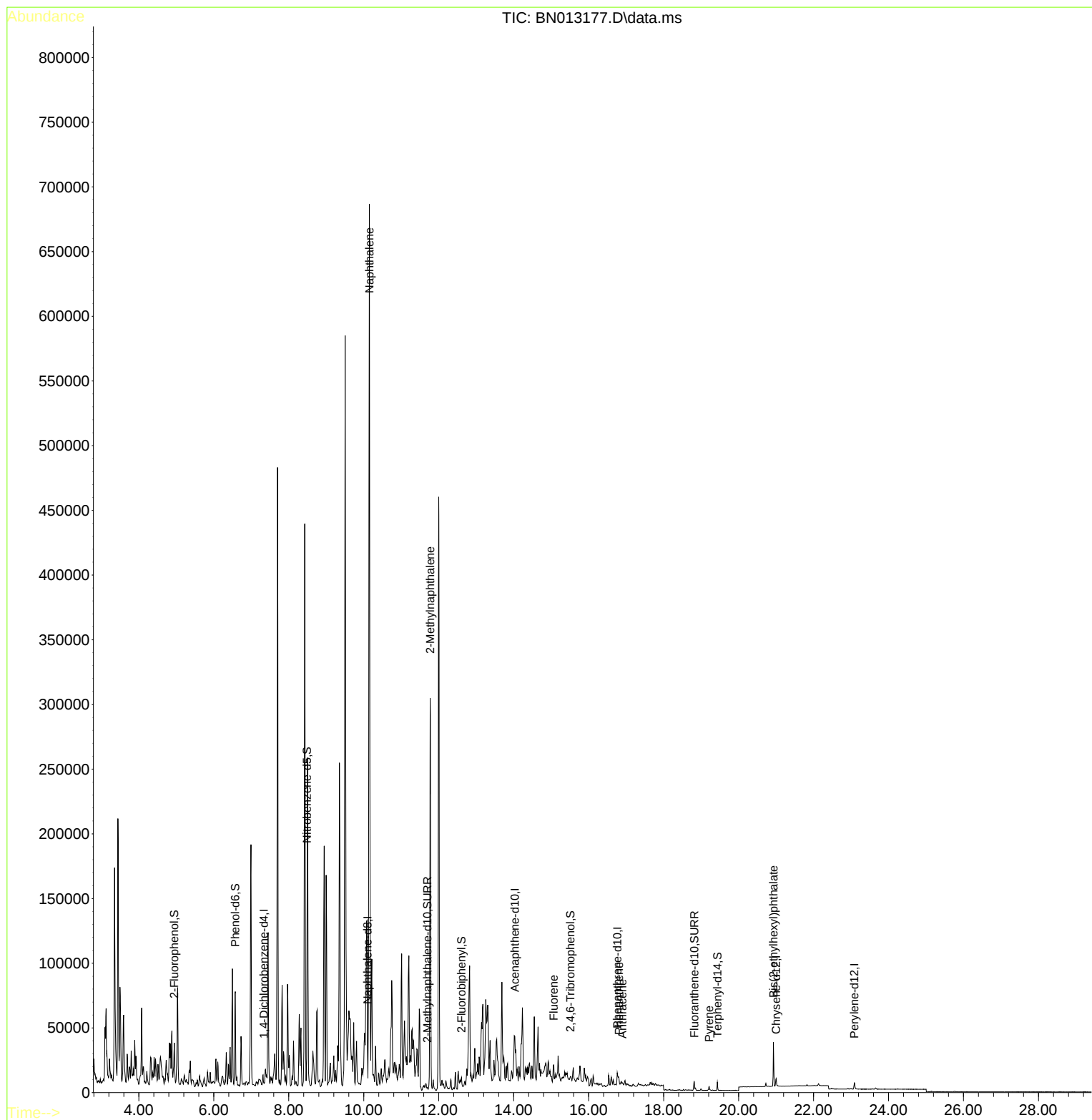
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013177.D
Acq On : 16 Dec 2020 22:08
Operator : CG/JU
Sample : L4960-05RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

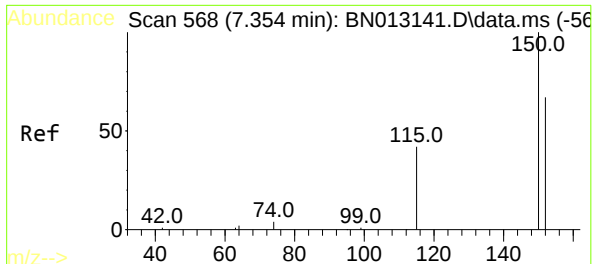
Instrument :
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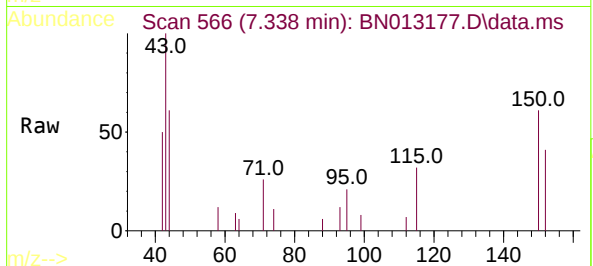
Quant Time: Dec 17 03:08:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 16:49:20 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.016 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08

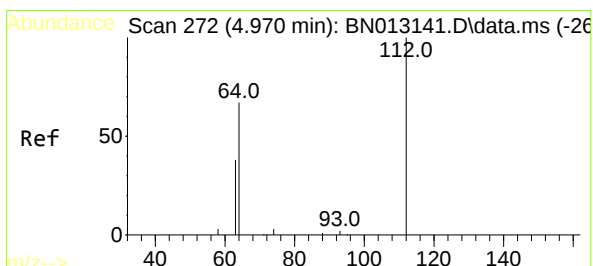
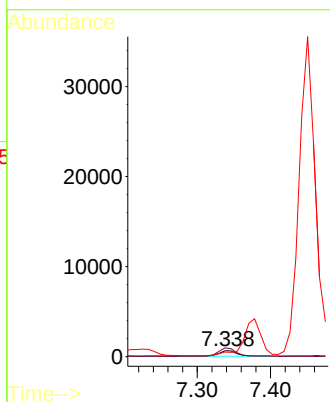
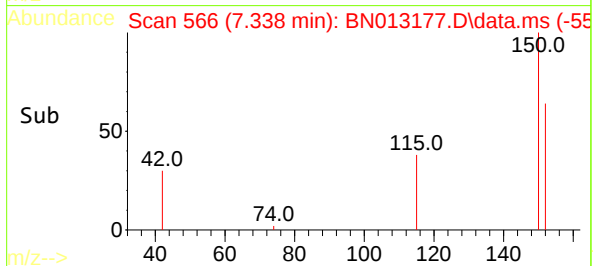
Instrument :
BNA_N
ClientSampleId :
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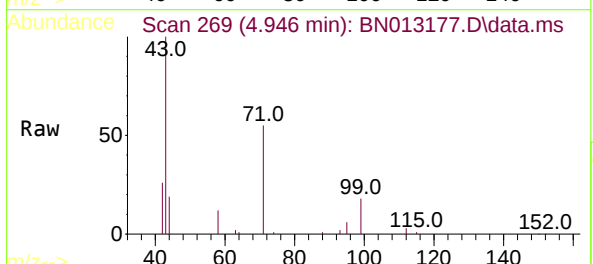
Tgt Ion:152 Resp: 998
Ion Ratio Lower Upper
152 100
150 149.2 116.6 174.8
115 78.3 52.9 79.3

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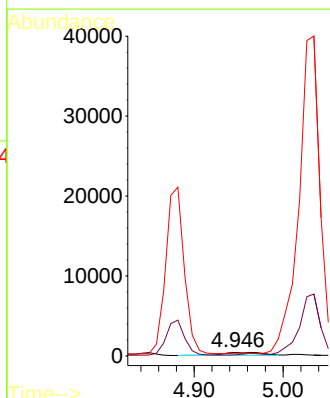
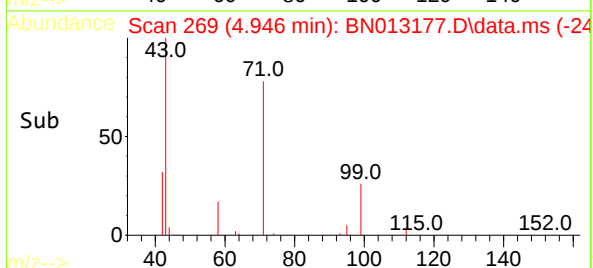
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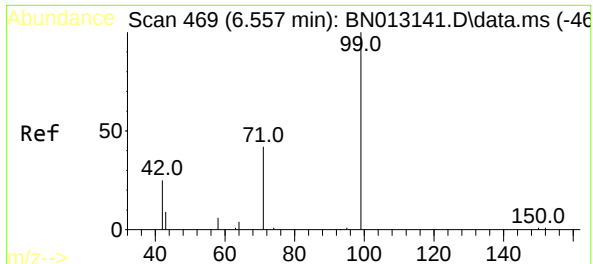


#4
2-Fluorophenol
Concen: 0.29 ng
RT: 4.946 min Scan# 269
Delta R.T. -0.024 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08



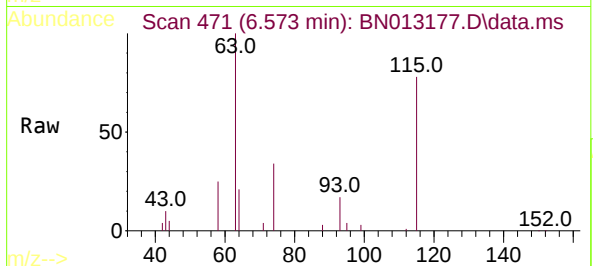
Tgt Ion:112 Resp: 1181
Ion Ratio Lower Upper
112 100
64 33.5 49.5 74.3#
63 0.0 32.0 48.0#





#5
Phenol-d6
Concen: 0.28 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.016 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08

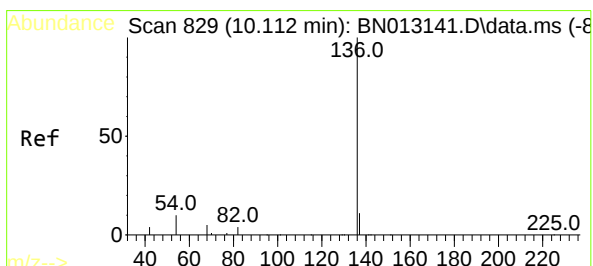
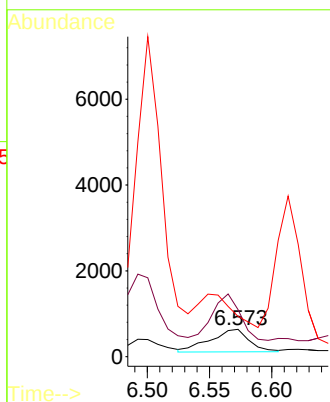
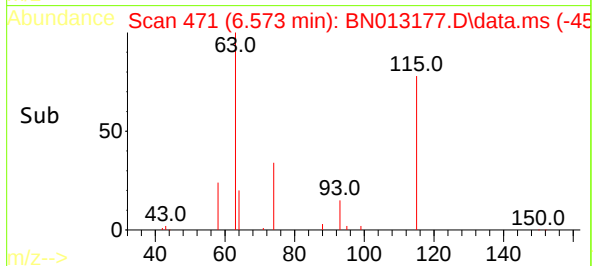
Instrument :
BNA_N
ClientSampleId :
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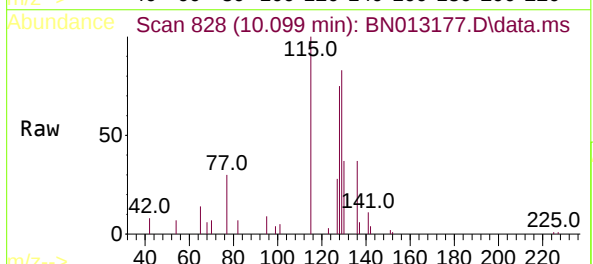
Tgt Ion: 99 Resp: 1159
Ion Ratio Lower Upper
99 100
42 145.3 22.4 33.6#
71 0.0 37.8 56.6#

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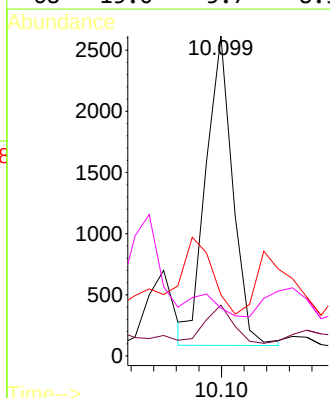
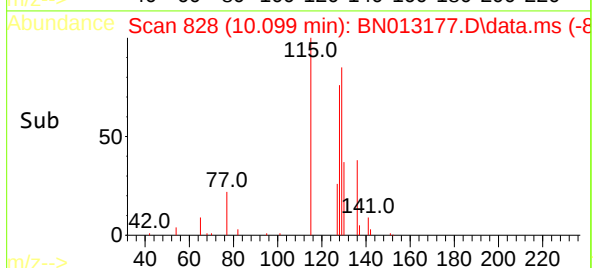
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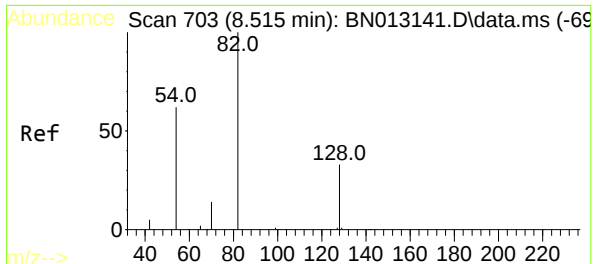


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.099 min Scan# 828
Delta R.T. -0.013 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08



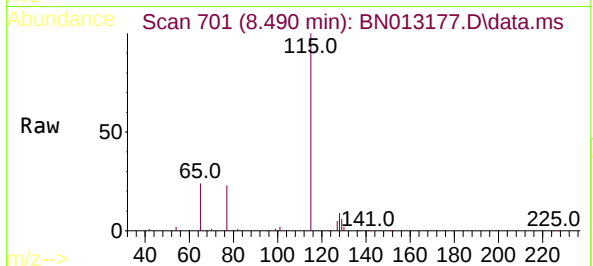
Tgt Ion: 136 Resp: 4176
Ion Ratio Lower Upper
136 100
137 15.9 10.6 15.8#
54 19.1 8.6 12.8#
68 15.0 5.7 8.5#





#8
Nitrobenzene-d5
Concen: 0.26 ng m
RT: 8.490 min Scan# 701
Delta R.T. -0.025 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08

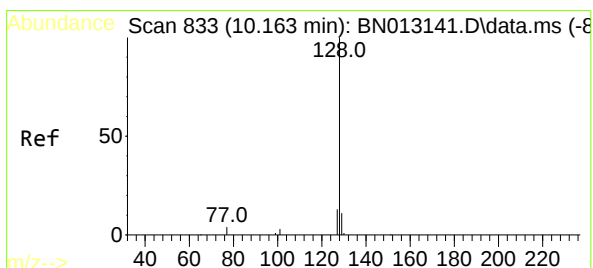
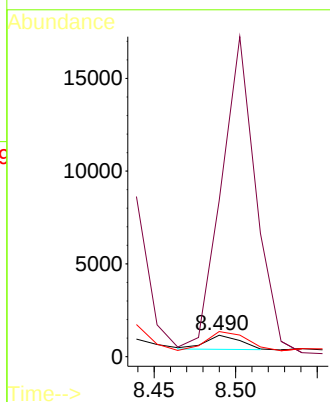
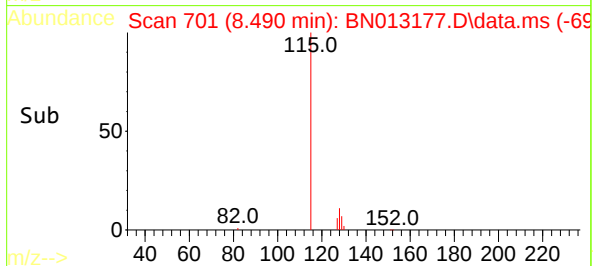
Instrument :
BNA_N
ClientSampleId :
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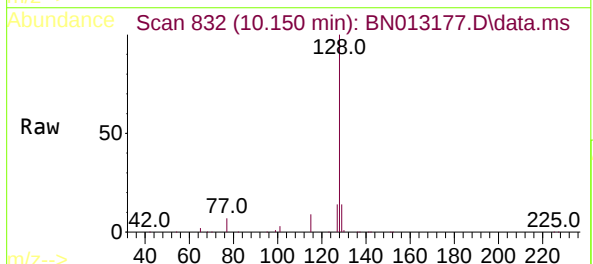
Tgt Ion: 82 Resp: 1124
Ion Ratio Lower Upper
82 100
128 725.1 30.6 46.0#
54 117.0 48.3 72.5#

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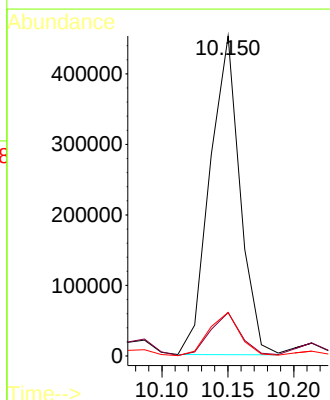
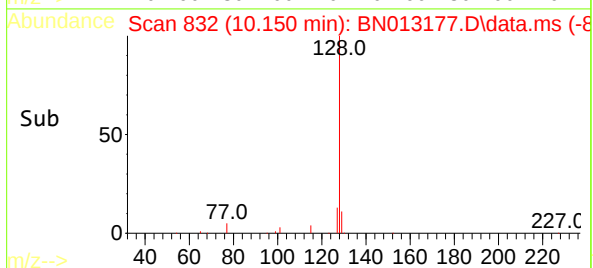
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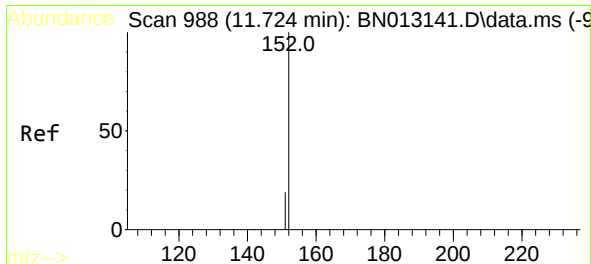


#9
Naphthalene
Concen: 56.05 ng
RT: 10.150 min Scan# 832
Delta R.T. -0.013 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08



Tgt Ion: 128 Resp: 717440
Ion Ratio Lower Upper
128 100
129 13.5 9.8 14.8
127 13.6 12.2 18.4





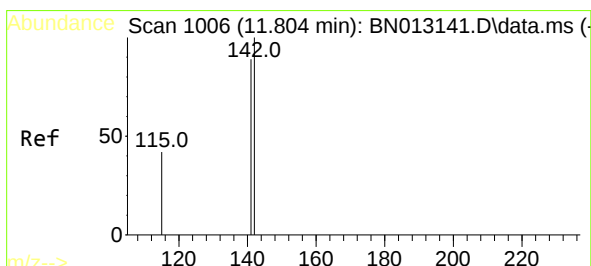
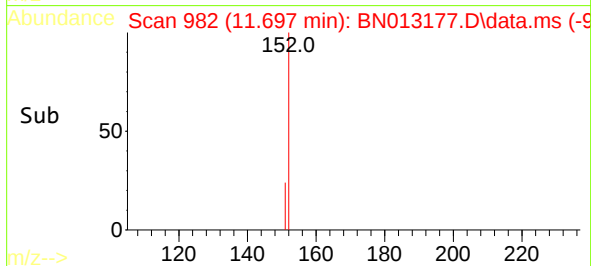
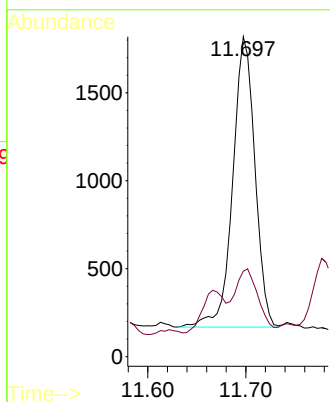
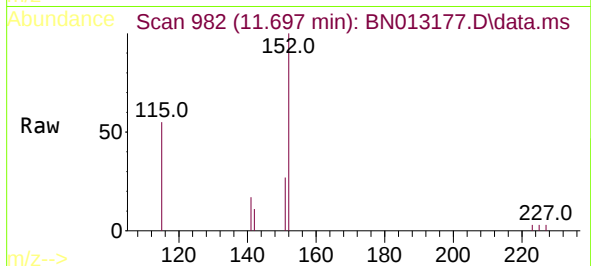
#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 11.697 min Scan# 982
Delta R.T. -0.027 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08

Tgt Ion:152 Resp: 2591
Ion Ratio Lower Upper
152 100
151 22.7 16.7 25.1

Instrument :
BNA_N
ClientSampleId :
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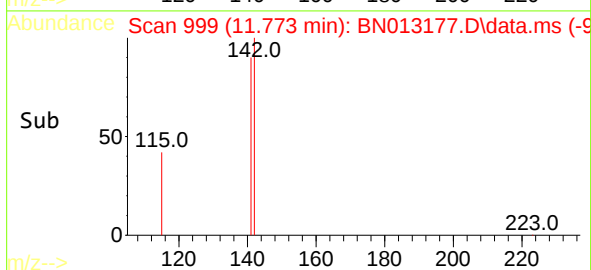
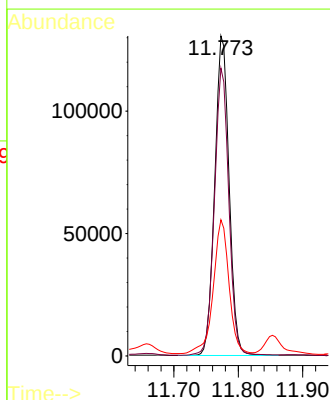
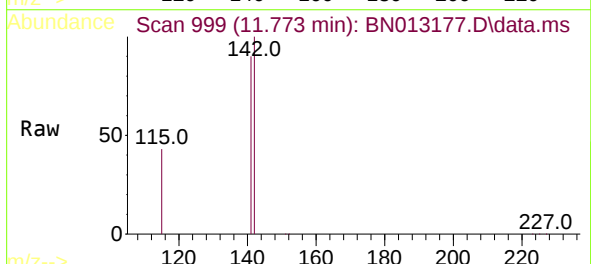
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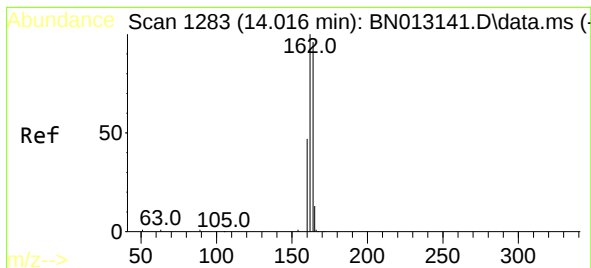
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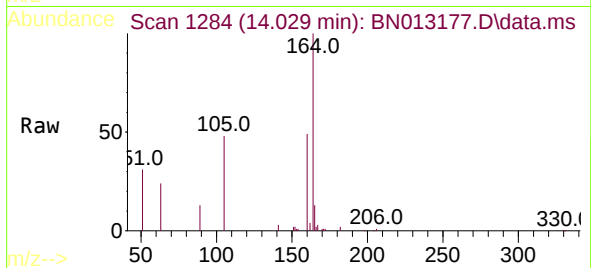
#12
2-Methylnaphthalene
Concen: 23.31 ng
RT: 11.773 min Scan# 999
Delta R.T. -0.031 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08

Tgt Ion:142 Resp: 202350
Ion Ratio Lower Upper
142 100
141 89.9 69.4 104.2
115 42.6 35.7 53.5

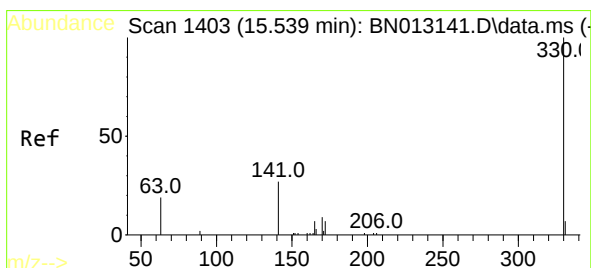
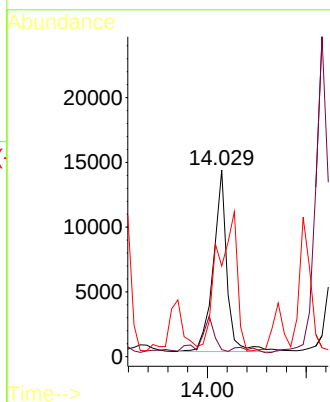
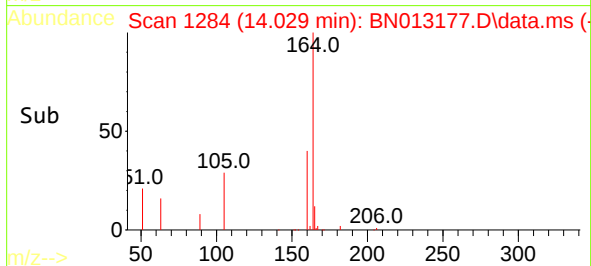




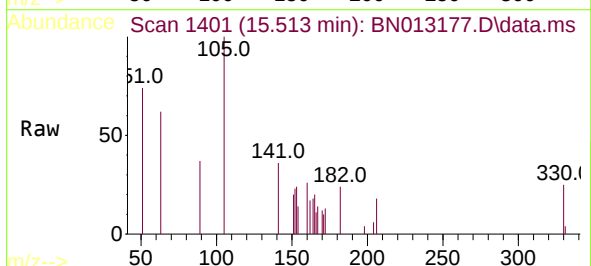
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. 0.013 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08



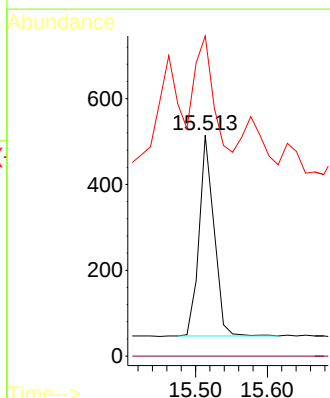
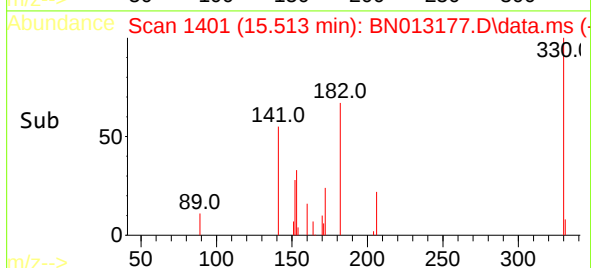
Tgt Ion:164 Resp: 26708
Ion Ratio Lower Upper
164 100
162 3.8 80.6 120.8#
160 48.6 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.04 ng
RT: 15.513 min Scan# 1401
Delta R.T. -0.025 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08



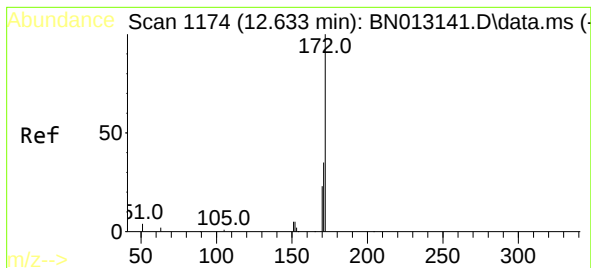
Tgt Ion:330 Resp: 672
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 67.7 34.4 51.6#



Instrument :
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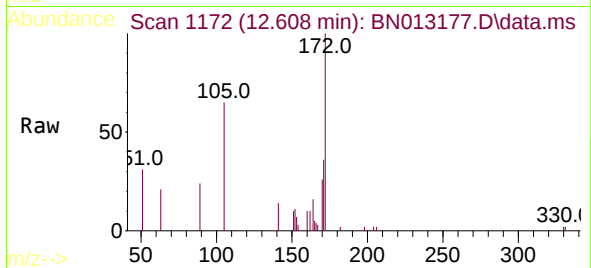
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#15
2-Fluorobiphenyl
Concen: 0.04 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.025 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08

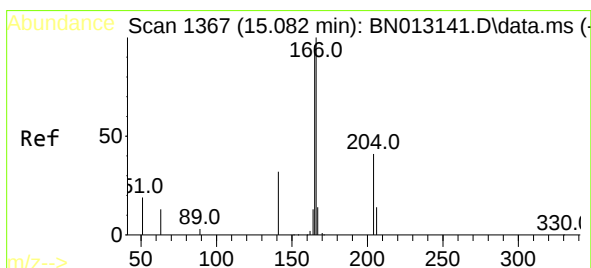
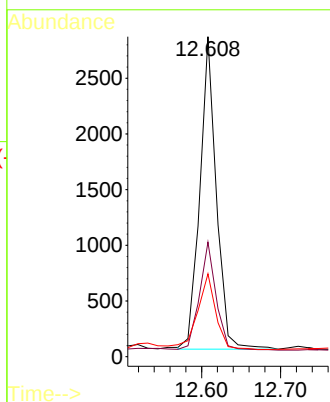
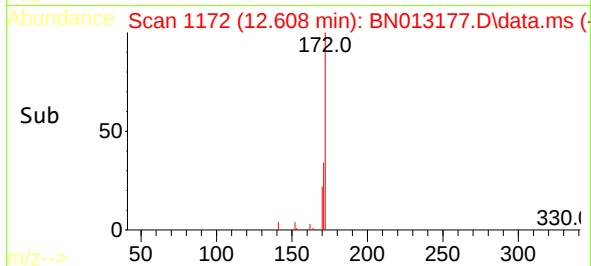
Instrument :
BNA_N
ClientSampleId :
BES-12SRRE



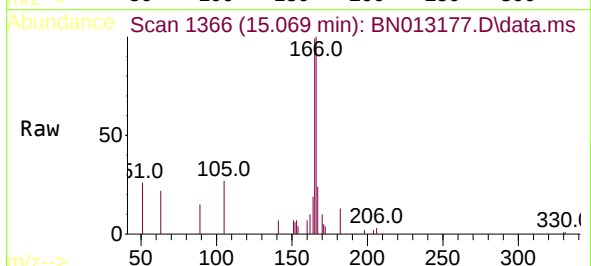
Tgt Ion:172 Resp: 4070
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.4
170 25.9 20.0 30.0

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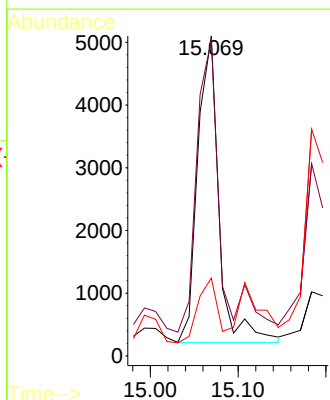
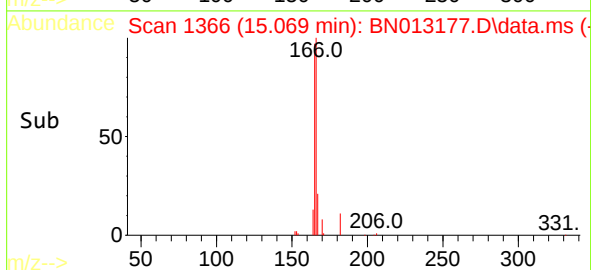
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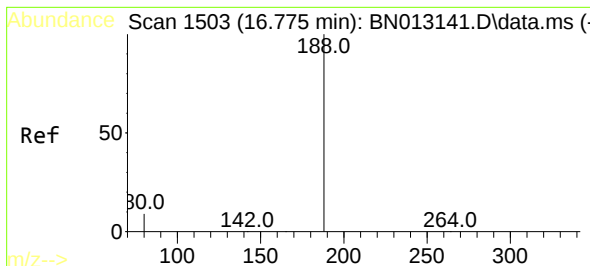


#18
Fluorene
Concen: 0.07 ng
RT: 15.069 min Scan# 1366
Delta R.T. -0.013 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08



Tgt Ion:166 Resp: 8144
Ion Ratio Lower Upper
166 100
165 94.0 78.6 118.0
167 19.4 10.7 16.1#





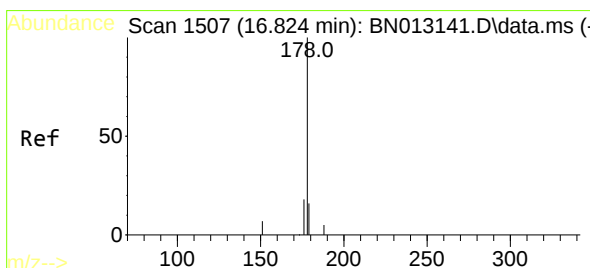
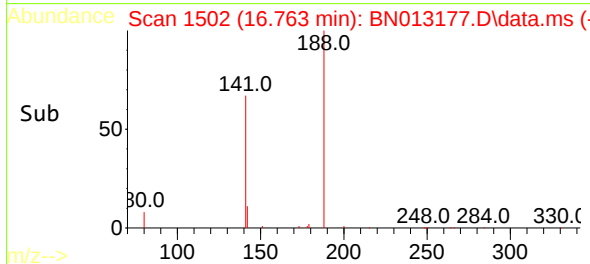
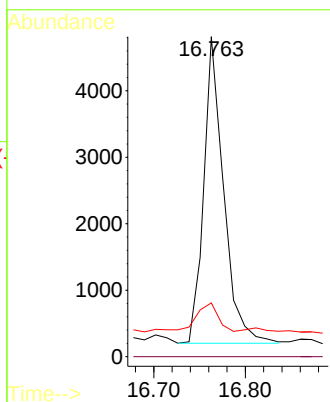
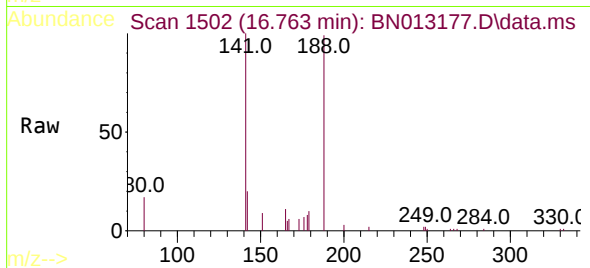
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.8	5.0	7.4#

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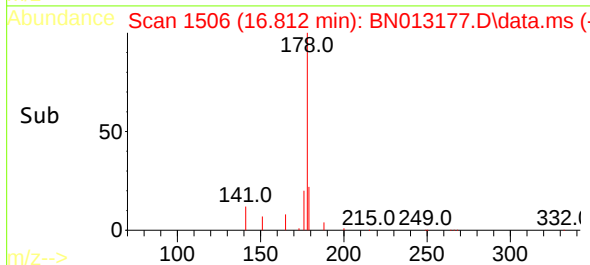
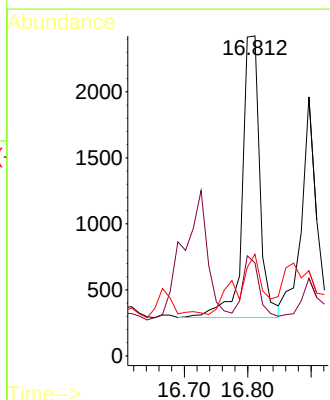
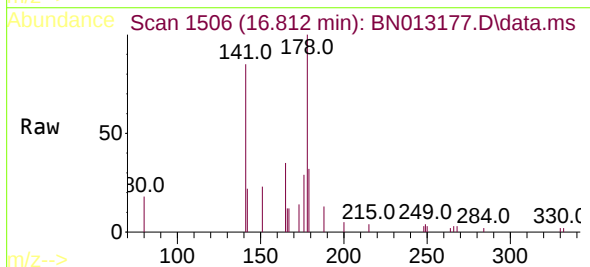
Manual Integrations
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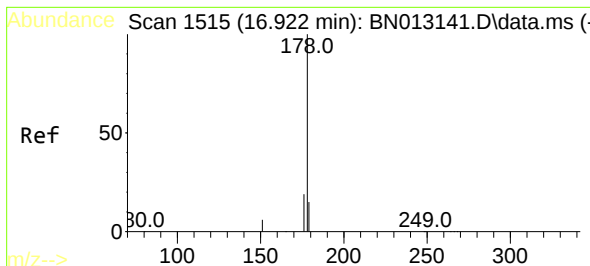
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#25
Phenanthrene
Concen: 0.18 ng
RT: 16.812 min Scan# 1506
Delta R.T. -0.013 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	14.8	22.2
179	30.1	12.4	18.6#





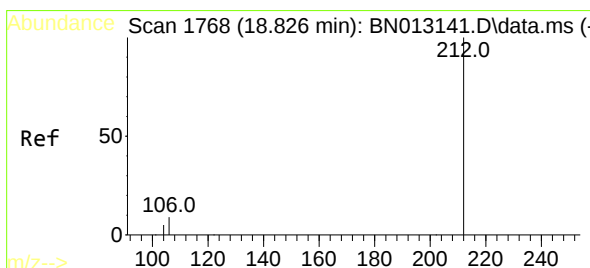
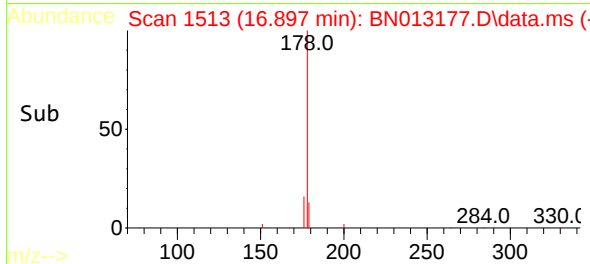
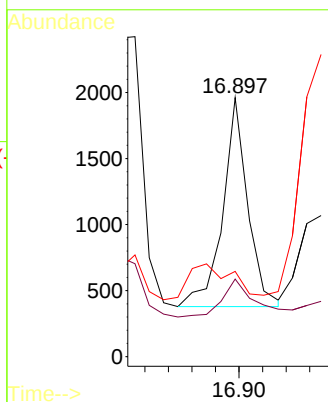
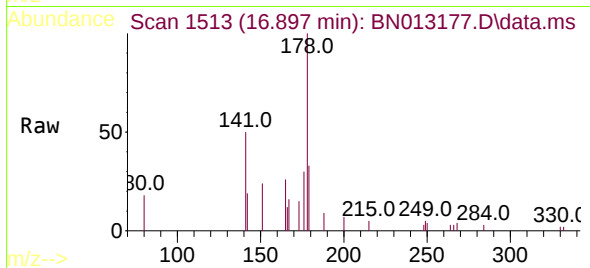
#26
 Anthracene
 Concen: 0.12 ng
 RT: 16.897 min Scan# 1513
 Delta R.T. -0.025 min
 Lab File: BN013177.D
 Acq: 16 Dec 2020 22:08

Tgt Ion:178 Resp: 2338
 Ion Ratio Lower Upper
 178 100
 176 24.5 14.8 22.2#
 179 0.0 12.5 18.7#

Instrument :
 BNA_N
 ClientSampleId :
 BES-12SRRE

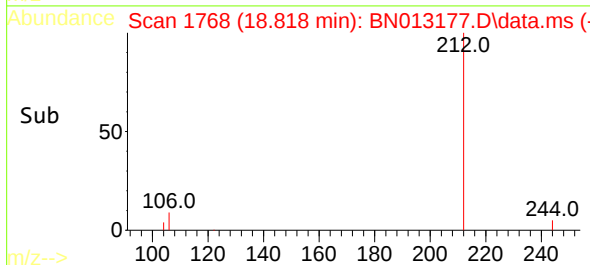
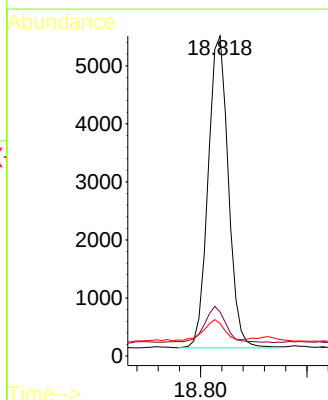
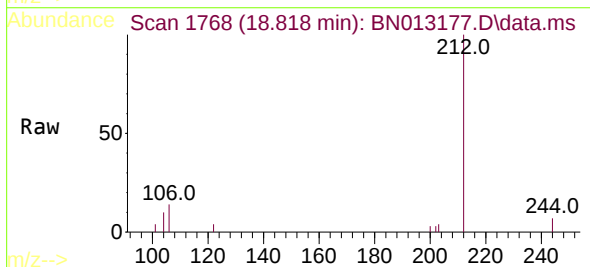
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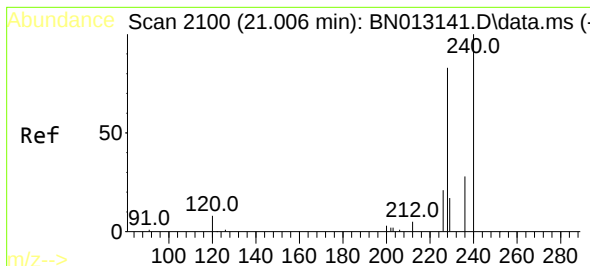
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#27
 Fluoranthene-d10
 Concen: 0.31 ng
 RT: 18.818 min Scan# 1768
 Delta R.T. -0.008 min
 Lab File: BN013177.D
 Acq: 16 Dec 2020 22:08

Tgt Ion:212 Resp: 7095
 Ion Ratio Lower Upper
 212 100
 106 12.4 6.8 10.2#
 104 7.8 4.1 6.1#





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.003 min Scan# 2101

Delta R.T. -0.003 min

Lab File: BN013177.D

Acq: 16 Dec 2020 22:08

Tgt Ion:	240	Resp:	6101
Ion Ratio	Lower	Upper	
240	100		
120	10.6	5.3	7.9#
236	27.5	21.8	32.8

Instrument :

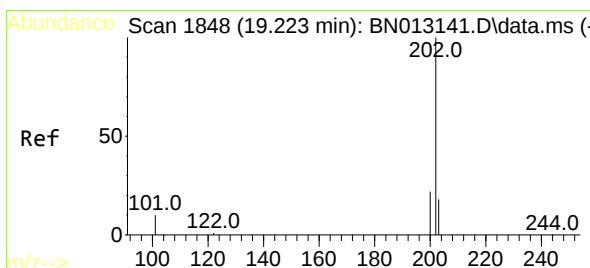
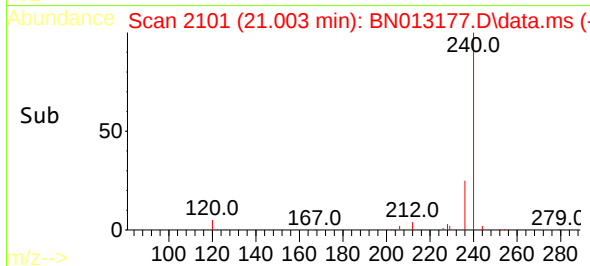
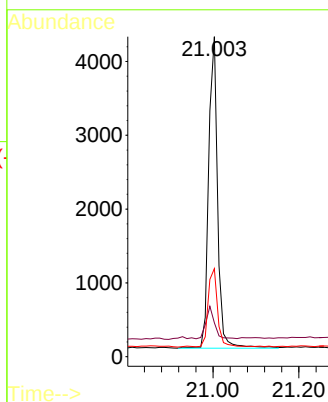
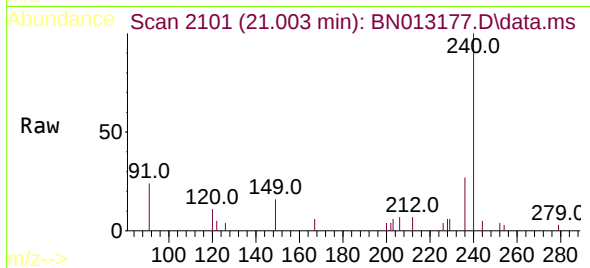
BNA_N

ClientSampleId :

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#30

Pyrene

Concen: 0.13 ng

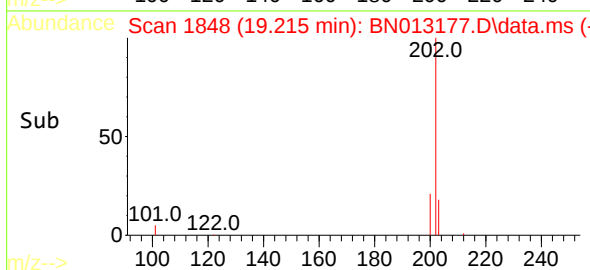
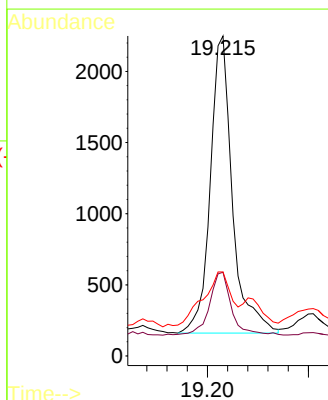
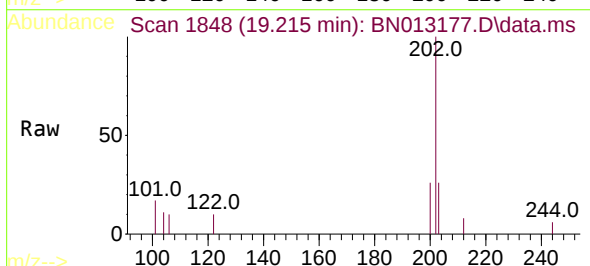
RT: 19.215 min Scan# 1848

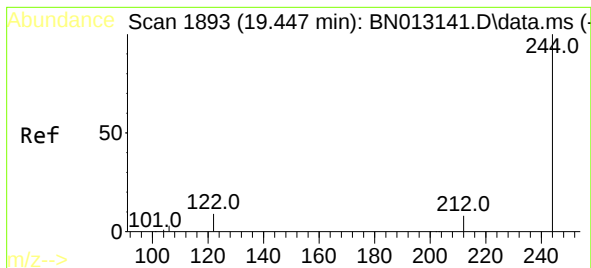
Delta R.T. -0.008 min

Lab File: BN013177.D

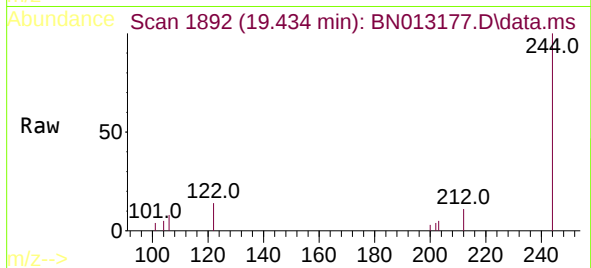
Acq: 16 Dec 2020 22:08

Tgt Ion:	202	Resp:	3184
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	24.8
203	24.0	13.8	20.8#

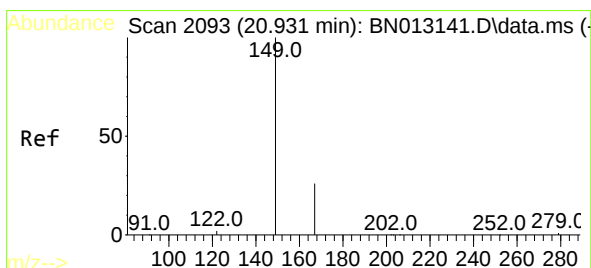
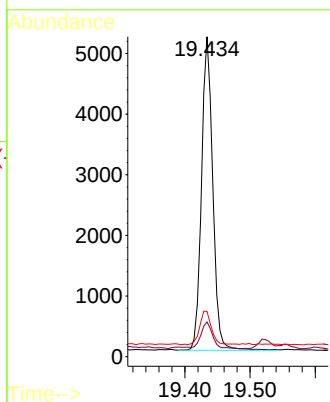
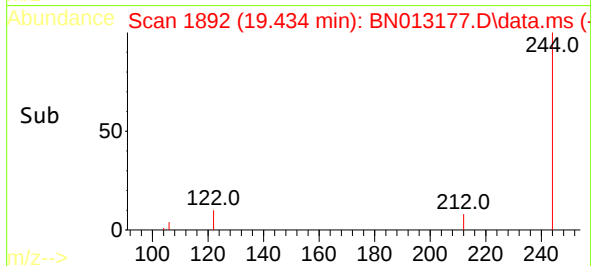




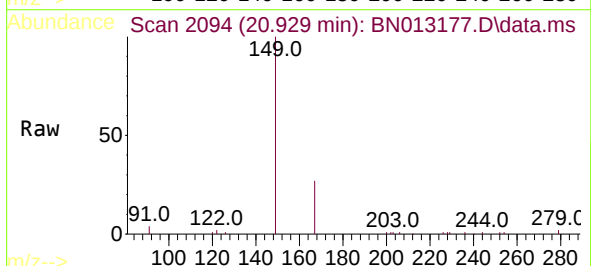
#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.434 min Scan# 1892
Delta R.T. -0.013 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08



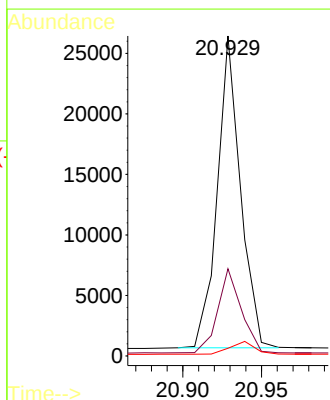
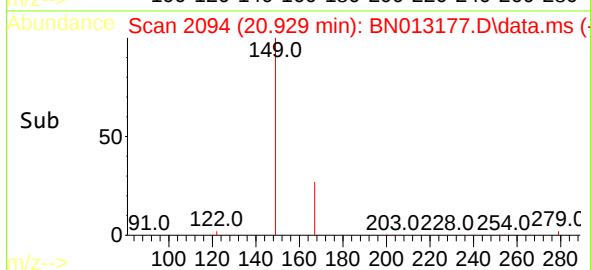
Tgt Ion:244 Resp: 6209
Ion Ratio Lower Upper
244 100
212 10.9 7.3 10.9
122 14.1 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 2.10 ng
RT: 20.929 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BN013177.D
Acq: 16 Dec 2020 22:08



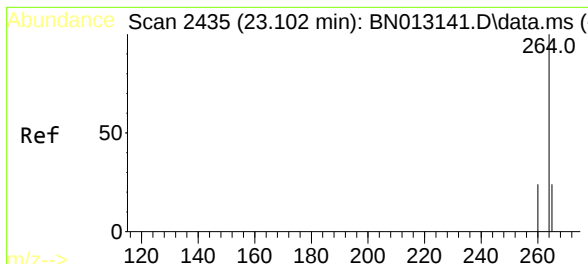
Tgt Ion:149 Resp: 26303
Ion Ratio Lower Upper
149 100
167 27.3 23.2 34.8
279 4.4 3.9 5.9



Instrument :
BNA_N
ClientSampleId :
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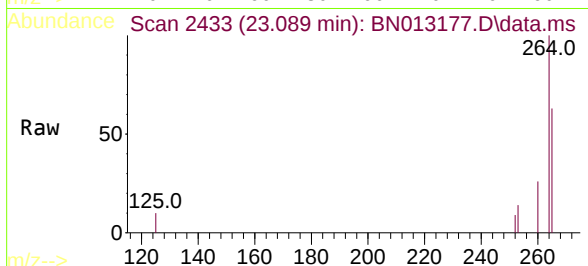
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#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.089 min Scan# 2433
 Delta R.T. -0.013 min
 Lab File: BN013177.D
 Acq: 16 Dec 2020 22:08

Instrument :
 BNA_N
 ClientSampleId :
 BES-12SRRE



Tgt Ion:264 Resp: 6052

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.8	29.6
265	62.8	51.4	77.0

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