

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021261.D
 Acq On : 16 Aug 2022 18:33
 Operator : CG/JU
 Sample : N4171-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20220810

Quant Time: Aug 17 05:14:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

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

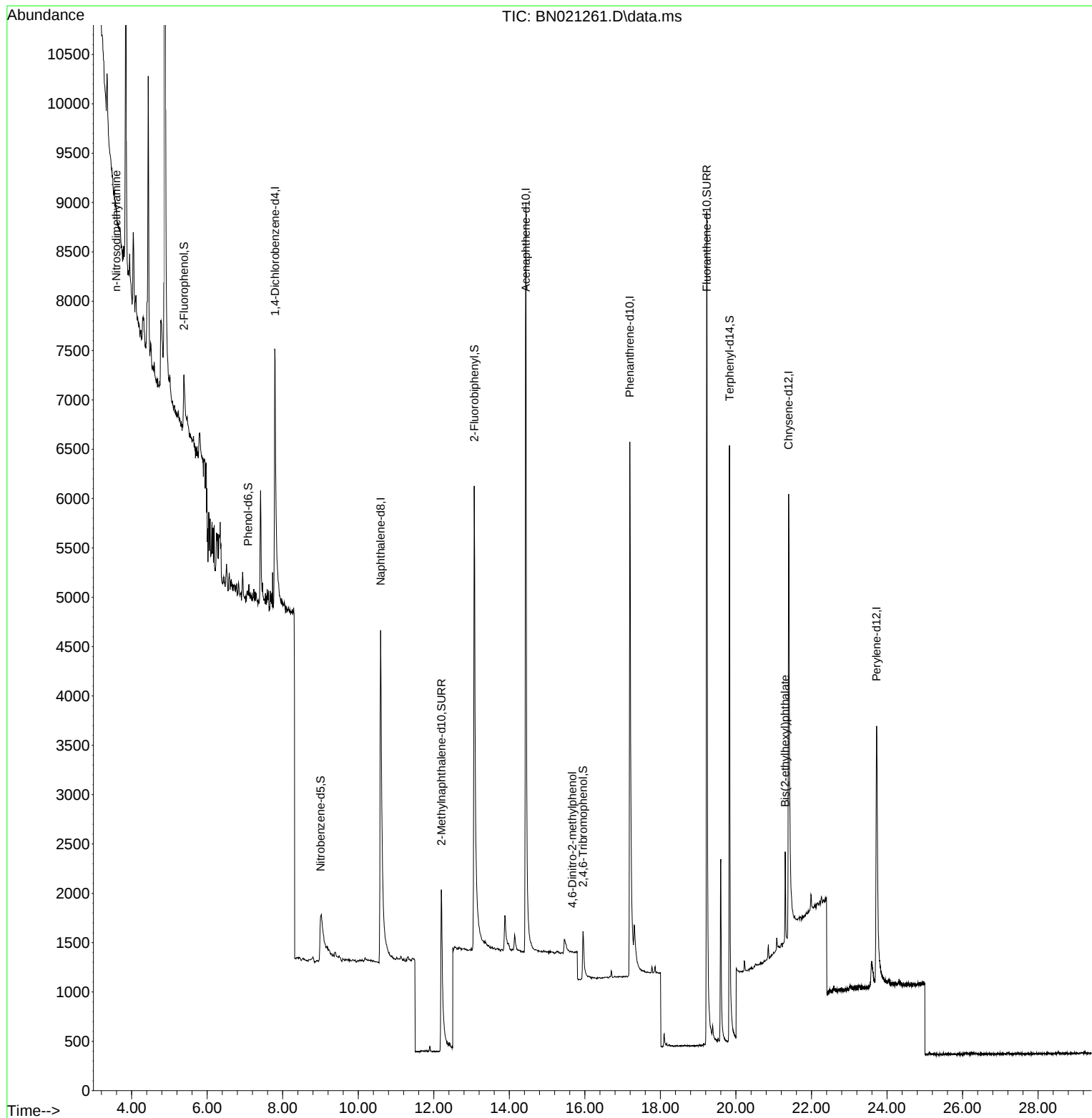
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	2689	0.400	ng	0.01
7) Naphthalene-d8	10.592	136	8836	0.400	ng	# 0.01
13) Acenaphthene-d10	14.439	164	6025	0.400	ng	0.01
19) Phenanthrene-d10	17.192	188	10998	0.400	ng	0.01
29) Chrysene-d12	21.395	240	7236	0.400	ng	0.00
35) Perylene-d12	23.726	264	5351	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	917	0.137	ng	0.00
5) Phenol-d6	7.083	99	212	0.027	ng	0.10
8) Nitrobenzene-d5	9.001	82	1257	0.284	ng	0.04
11) 2-Methylnaphthalene-d10	12.202	152	4678	0.304	ng	0.02
14) 2,4,6-Tribromophenol	15.951	330	414	0.210	ng	0.01
15) 2-Fluorobiphenyl	13.071	172	6852	0.286	ng	0.01
27) Fluoranthene-d10	19.231	212	12594	0.422	ng	0.00
31) Terphenyl-d14	19.830	244	8676	0.440	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.594	42	105	0.234	ng	# 6
20) 4,6-Dinitro-2-methylph...	15.669	198	1	0.254	ng	# 9
34) Bis(2-ethylhexyl)phtha...	21.305	149	903	0.056	ng	# 96

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

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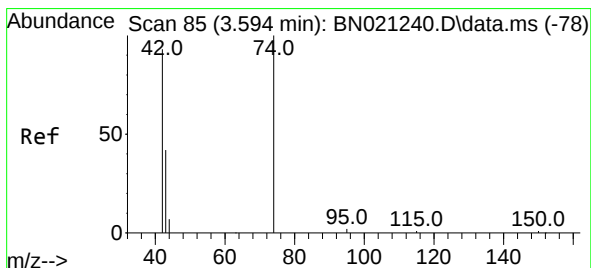
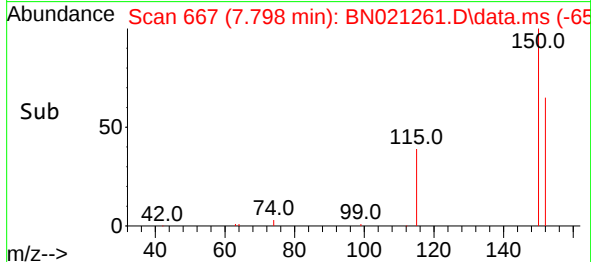
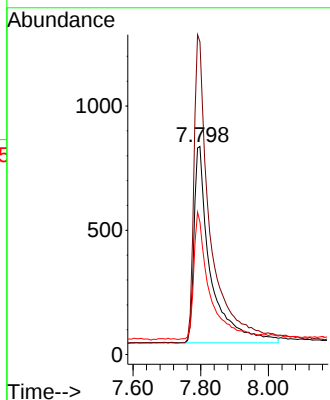
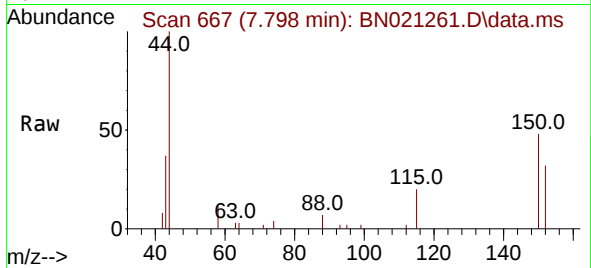




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.798 min Scan# 665
 Delta R.T. 0.015 min
 Lab File: BN021261.D
 Acq: 16 Aug 2022 18:33

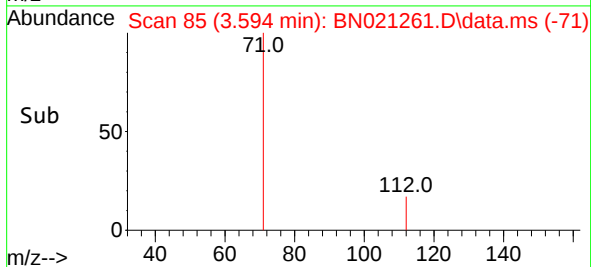
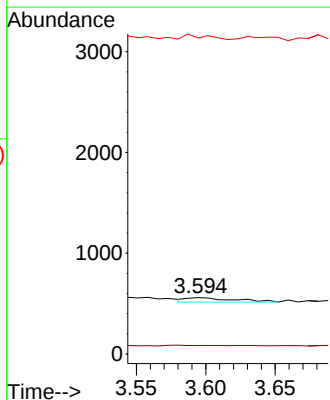
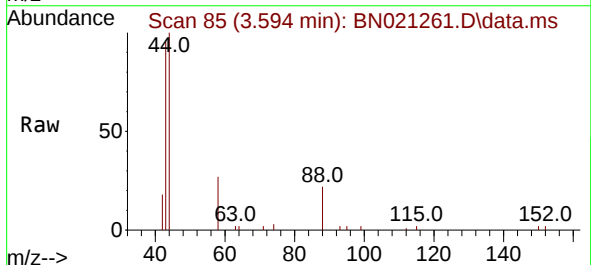
Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20220810

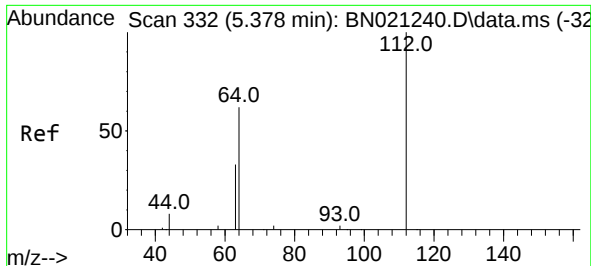
Tgt Ion: 152 Resp: 2689
 Ion Ratio Lower Upper
 152 100
 150 150.3 123.1 184.7
 115 63.7 52.2 78.4



#3
 n-Nitrosodimethylamine
 Concen: 0.234 ng
 RT: 3.594 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: BN021261.D
 Acq: 16 Aug 2022 18:33

Tgt Ion: 42 Resp: 105
 Ion Ratio Lower Upper
 42 100
 74 10.5 82.4 123.6#
 44 69.5 2.7 4.1#

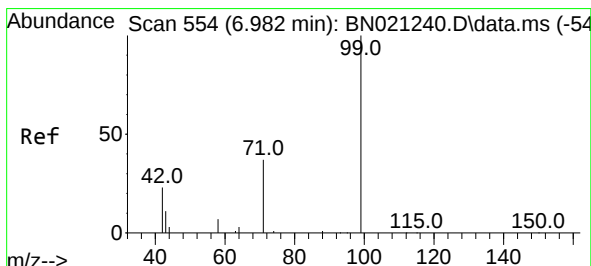
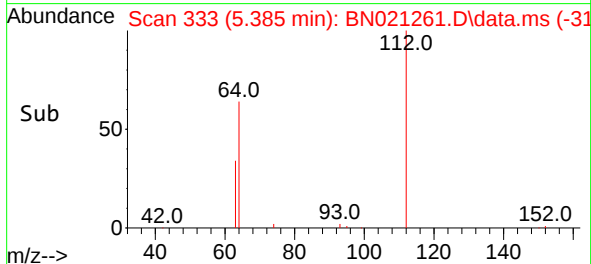
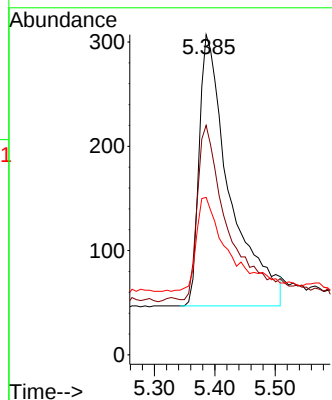
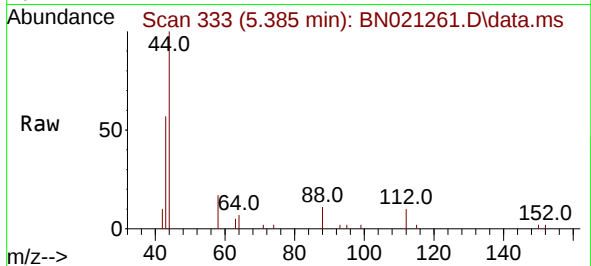




#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.385 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN021261.D
Acq: 16 Aug 2022 18:33

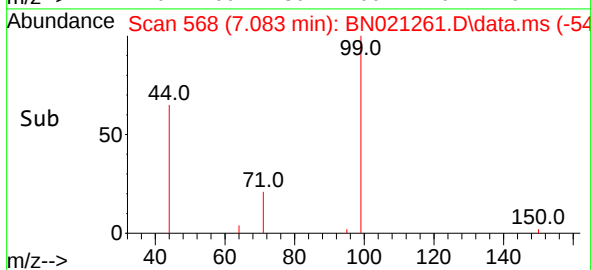
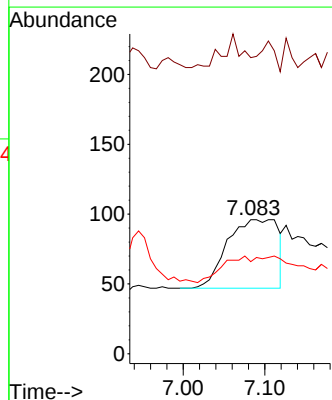
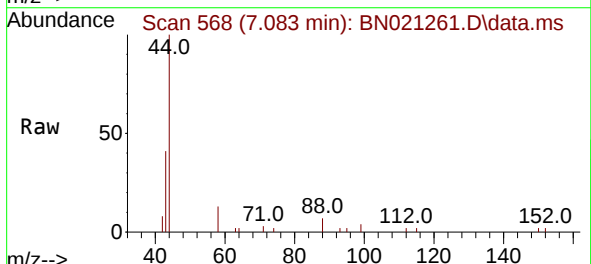
Instrument :
BNA_N
ClientSampleId :
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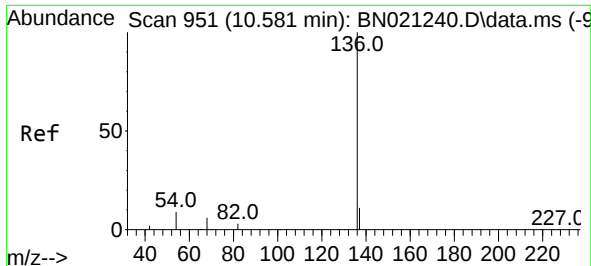
Tgt Ion:	112	Resp:	917
Ion	Ratio	Lower	Upper
112	100		
64	63.2	52.0	78.0
63	36.5	27.5	41.3



#5
Phenol-d6
Concen: 0.027 ng
RT: 7.083 min Scan# 568
Delta R.T. 0.101 min
Lab File: BN021261.D
Acq: 16 Aug 2022 18:33

Tgt Ion:	99	Resp:	212
Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.1	28.7#
71	21.7	28.9	43.3#

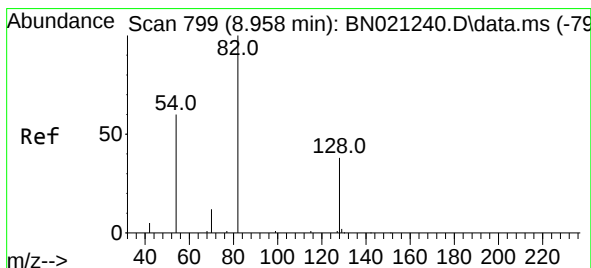
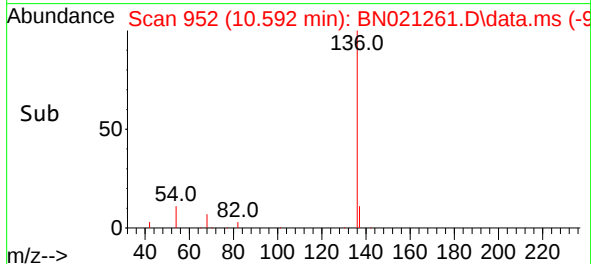
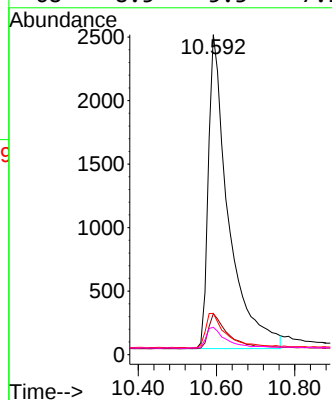
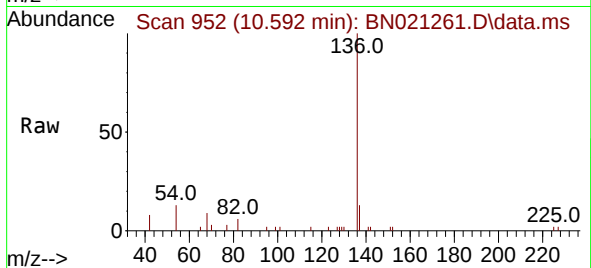




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.592 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN021261.D
Acq: 16 Aug 2022 18:33

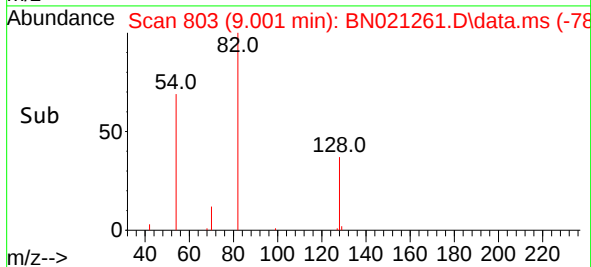
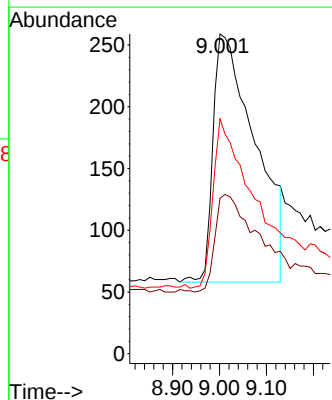
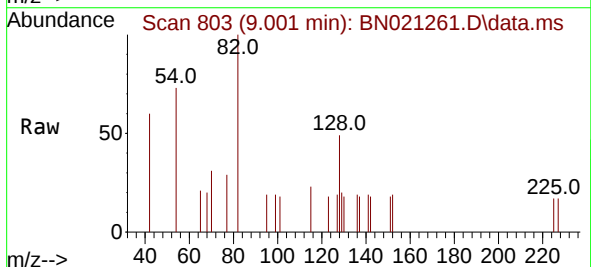
Instrument :
BNA_N
ClientSampleId :
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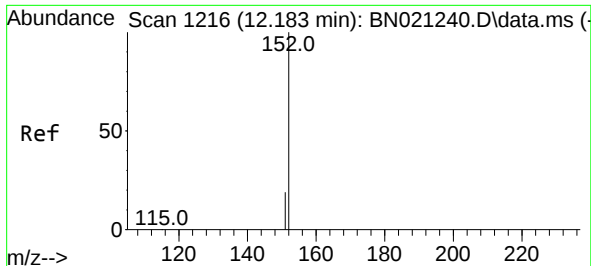
Tgt Ion:	136	Resp:	8836
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.6	14.4
54	12.9	8.2	12.2#
68	8.5	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 9.001 min Scan# 803
Delta R.T. 0.043 min
Lab File: BN021261.D
Acq: 16 Aug 2022 18:33

Tgt Ion:	82	Resp:	1257
Ion	Ratio	Lower	Upper
82	100		
128	48.6	33.6	50.4
54	73.4	50.2	75.2

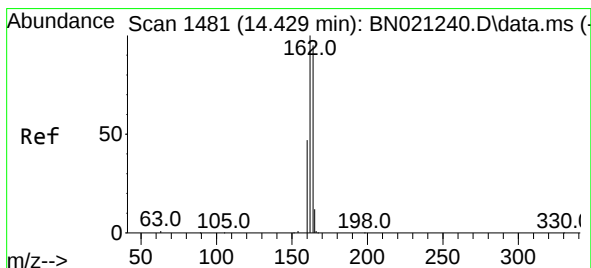
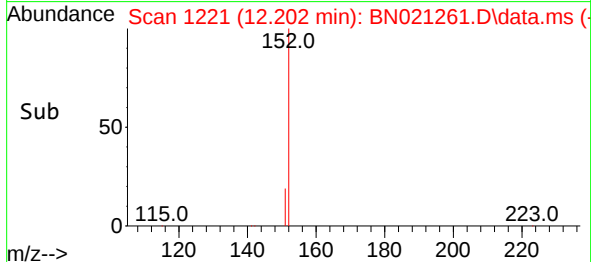
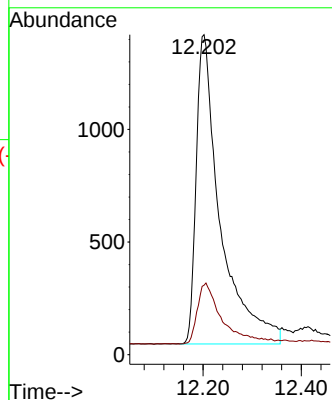
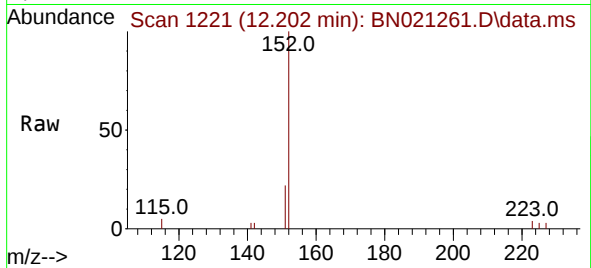




#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.202 min Scan# 11
Delta R.T. 0.019 min
Lab File: BN021261.D
Acq: 16 Aug 2022 18:33

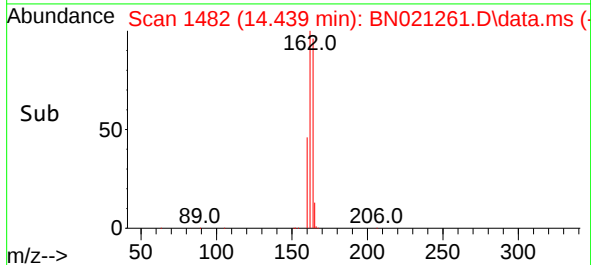
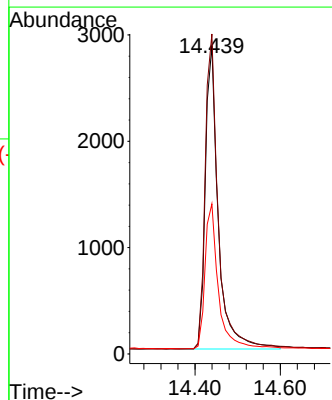
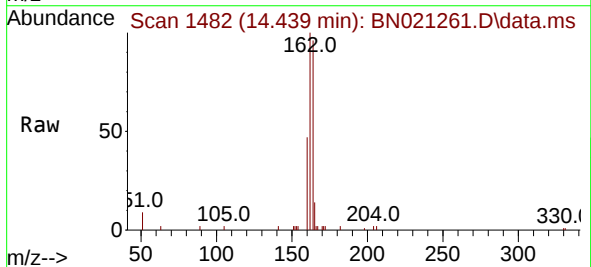
Instrument :
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ClientSampleId :
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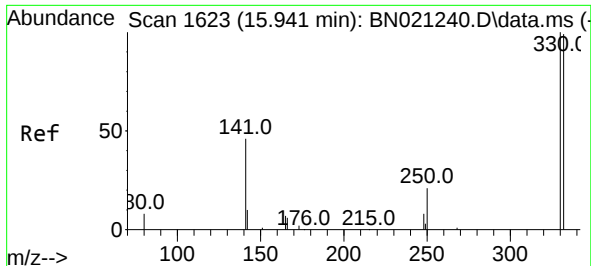
Tgt Ion:152 Resp: 4678
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.439 min Scan# 1482
Delta R.T. 0.011 min
Lab File: BN021261.D
Acq: 16 Aug 2022 18:33

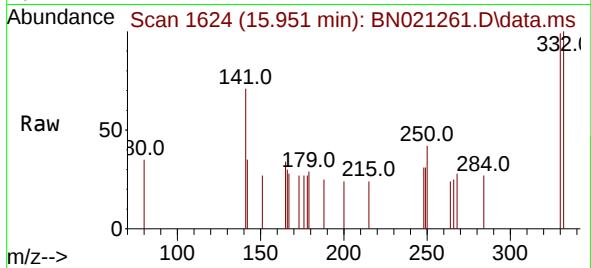
Tgt Ion:164 Resp: 6025
Ion Ratio Lower Upper
164 100
162 103.9 83.8 125.6
160 48.7 39.8 59.6



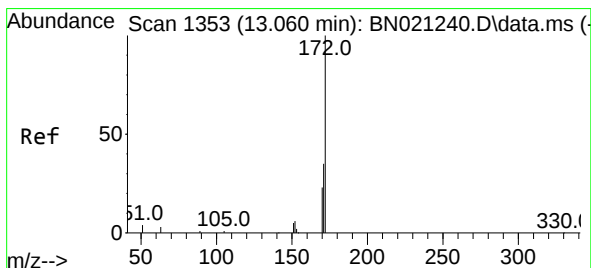
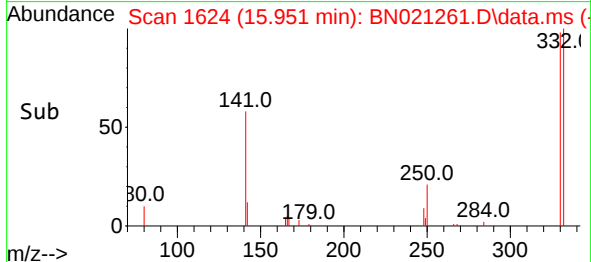
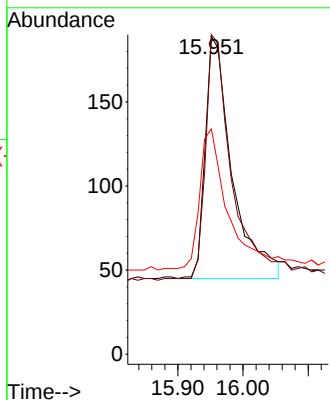


#14
2,4,6-Tribromophenol
Concen: 0.210 ng
RT: 15.951 min Scan# 1624
Delta R.T. 0.010 min
Lab File: BN021261.D
Acq: 16 Aug 2022 18:33

Instrument :
BNA_N
ClientSampleId :
SP-201-20220810

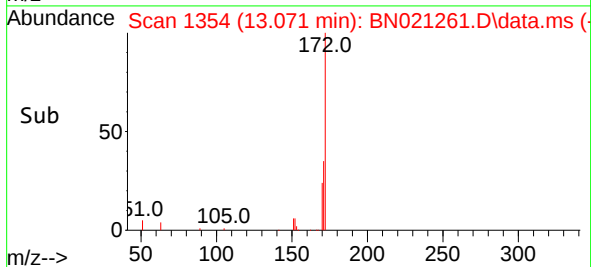
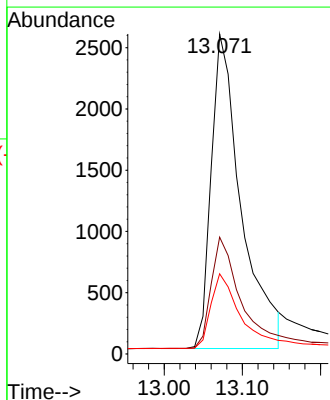
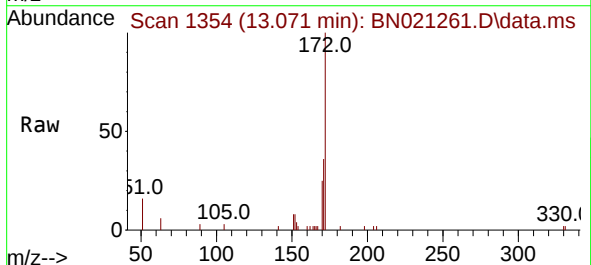


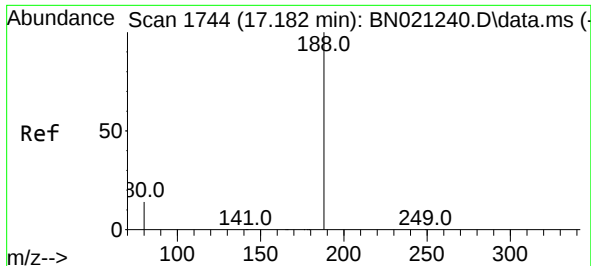
Tgt Ion:330 Resp: 414
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 60.4 45.4 68.0



#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 13.071 min Scan# 1354
Delta R.T. 0.011 min
Lab File: BN021261.D
Acq: 16 Aug 2022 18:33

Tgt Ion:172 Resp: 6852
Ion Ratio Lower Upper
172 100
171 36.5 28.4 42.6
170 25.1 19.0 28.6

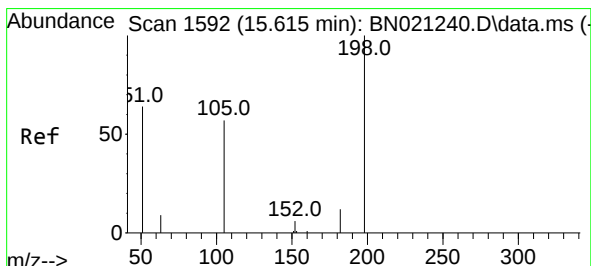
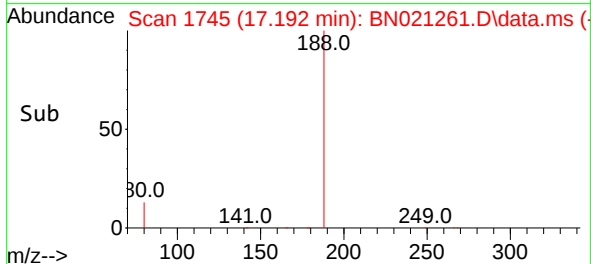
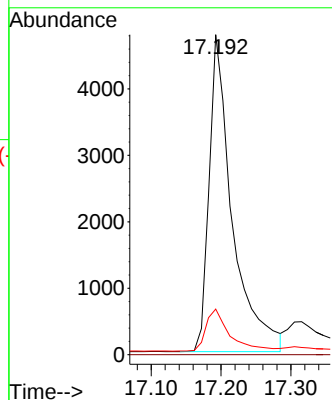
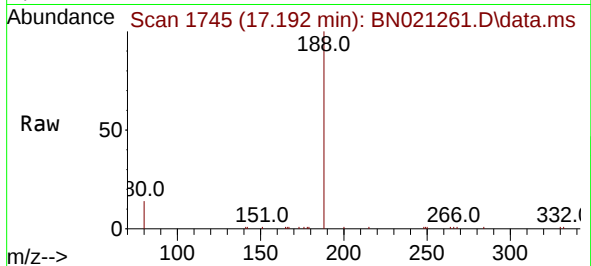




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.192 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN021261.D
Acq: 16 Aug 2022 18:33

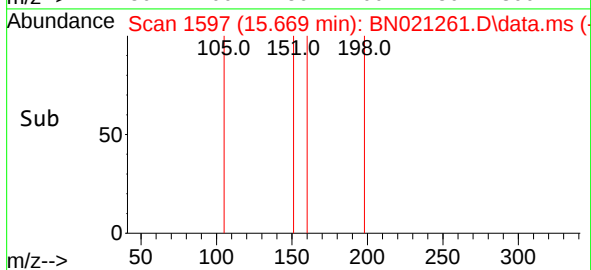
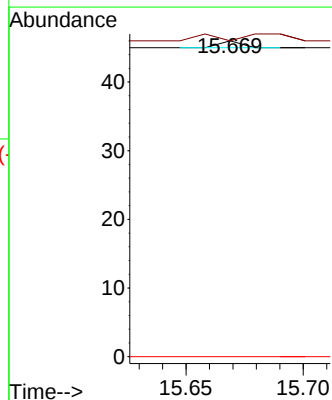
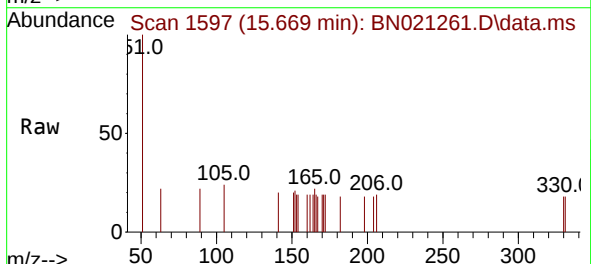
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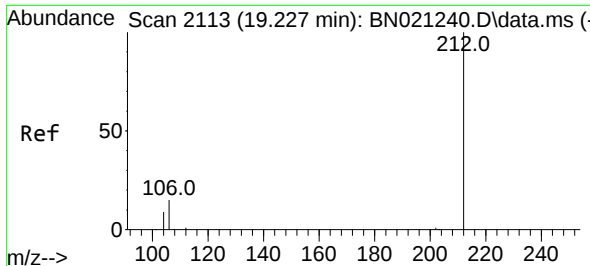
Tgt Ion:188 Resp: 10998
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 11.8 17.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.254 ng
RT: 15.669 min Scan# 1597
Delta R.T. 0.054 min
Lab File: BN021261.D
Acq: 16 Aug 2022 18:33

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 100.0 33.9 50.9#
77 0.0 0.0 0.0

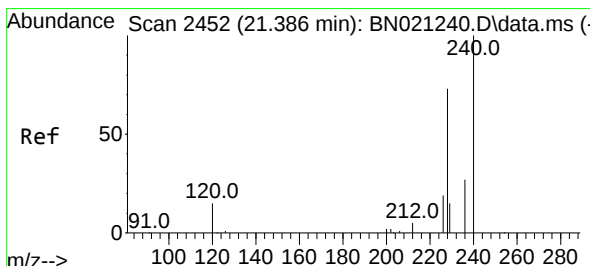
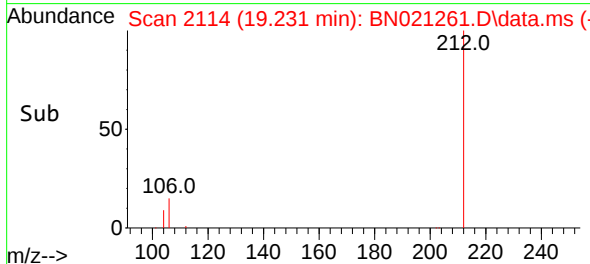
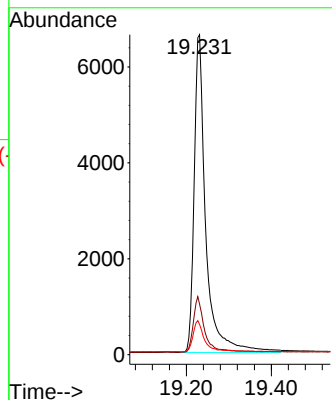
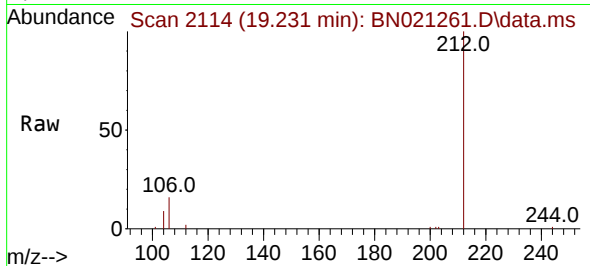




#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.231 min Scan# 2114
Delta R.T. 0.004 min
Lab File: BN021261.D
Acq: 16 Aug 2022 18:33

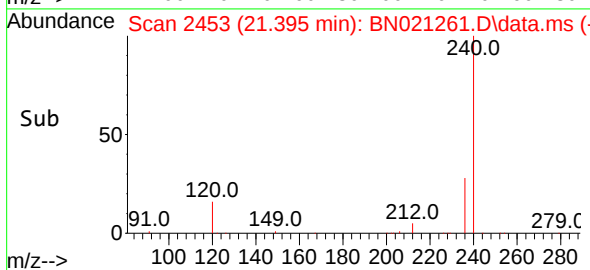
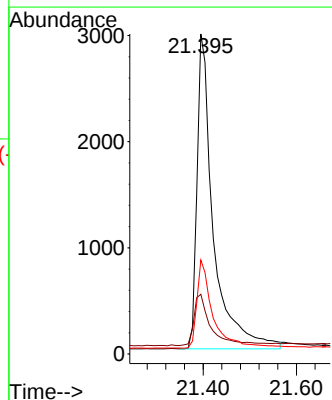
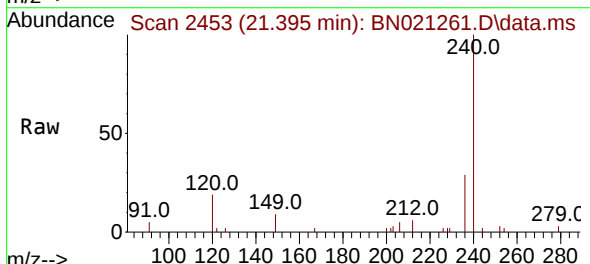
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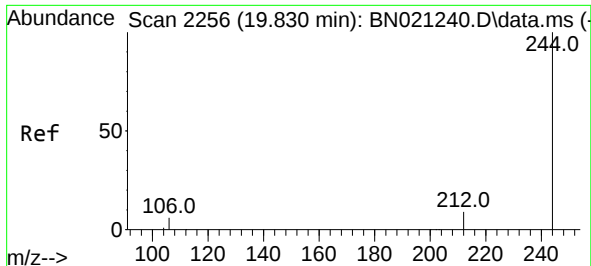
Tgt Ion:212 Resp: 12594
Ion Ratio Lower Upper
212 100
106 16.5 12.6 18.8
104 9.5 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2453
Delta R.T. 0.009 min
Lab File: BN021261.D
Acq: 16 Aug 2022 18:33

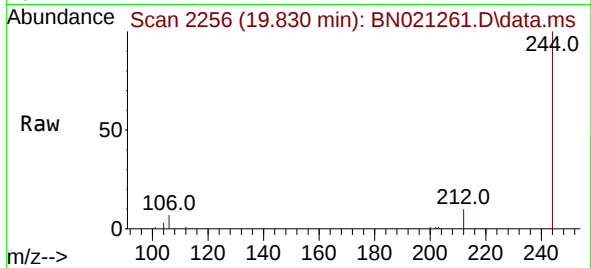
Tgt Ion:240 Resp: 7236
Ion Ratio Lower Upper
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120 18.7 13.4 20.2
236 29.4 22.6 33.8



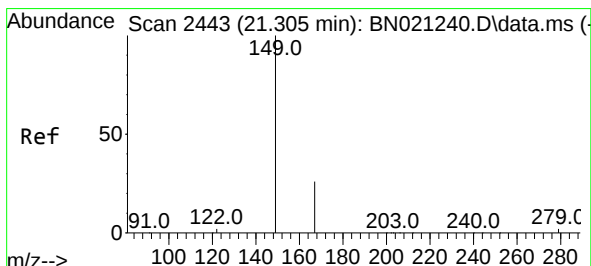
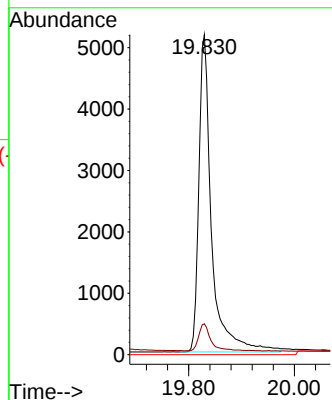
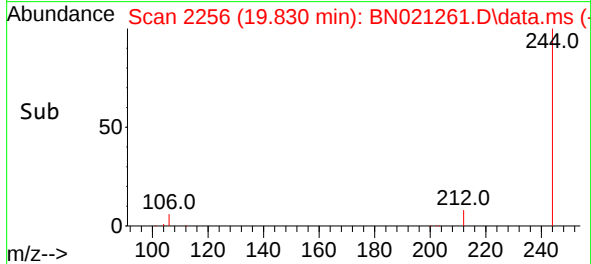


#31
 Terphenyl-d14
 Concen: 0.440 ng
 RT: 19.830 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021261.D
 Acq: 16 Aug 2022 18:33

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20220810

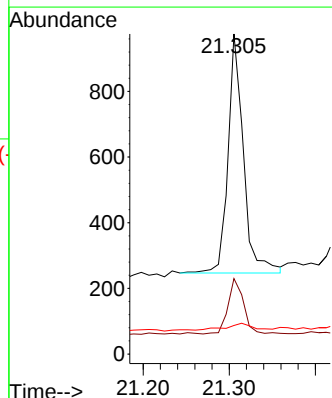
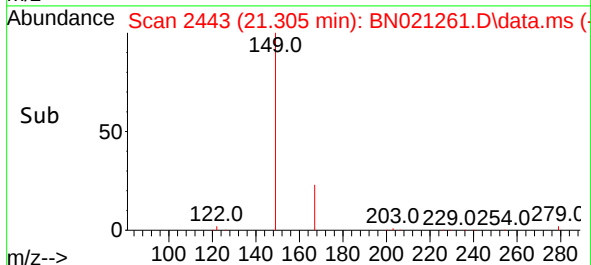
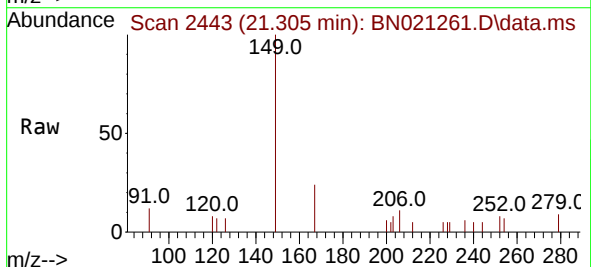


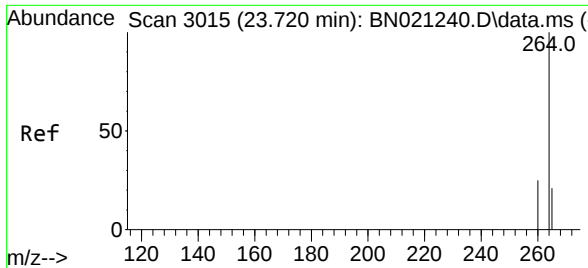
Tgt Ion:244 Resp: 8676
 Ion Ratio Lower Upper
 244 100
 212 9.7 8.3 12.5
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.305 min Scan# 2443
 Delta R.T. -0.000 min
 Lab File: BN021261.D
 Acq: 16 Aug 2022 18:33

Tgt Ion:149 Resp: 903
 Ion Ratio Lower Upper
 149 100
 167 23.6 20.6 31.0
 279 4.8 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.726 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BN021261.D
 Acq: 16 Aug 2022 18:33

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20220810

Tgt Ion:264 Resp: 5351

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.4	32.2
265	45.2	34.3	51.5

