

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021549.D
 Acq On : 02 Sep 2022 06:53
 Operator : CG/JU
 Sample : N4357-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20220823

Quant Time: Sep 02 07:22:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

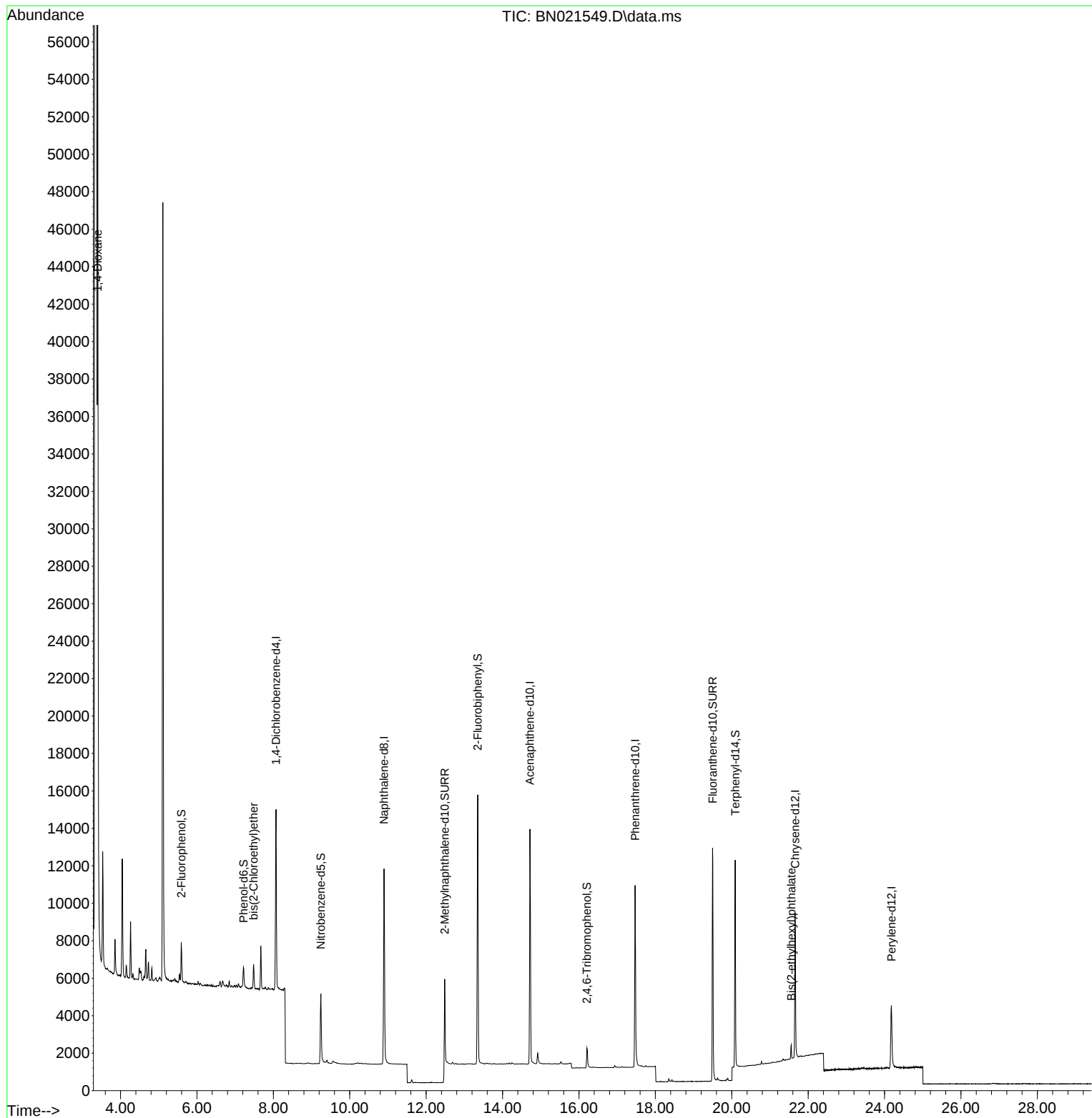
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4664	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	14291	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	7246	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	13824	0.400	ng	0.00
29) Chrysene-d12	21.655	240	7648	0.400	ng	# 0.00
35) Perylene-d12	24.176	264	5593	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1813	0.199	ng	0.00
5) Phenol-d6	7.217	99	1290	0.111	ng	0.00
8) Nitrobenzene-d5	9.243	82	3490	0.362	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	12717	0.395	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	718	0.302	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	12643	0.399	ng	0.00
27) Fluoranthene-d10	19.497	212	14113	0.397	ng	0.00
31) Terphenyl-d14	20.088	244	10029	0.583	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	25235	4.326	ng	# 93
6) bis(2-Chloroethyl)ether	7.484	93	937	0.064	ng	95
34) Bis(2-ethylhexyl)phtha...	21.557	149	791	0.074	ng	96

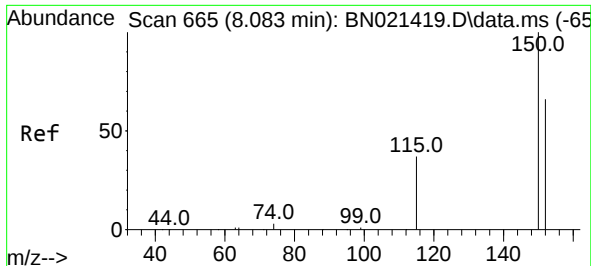
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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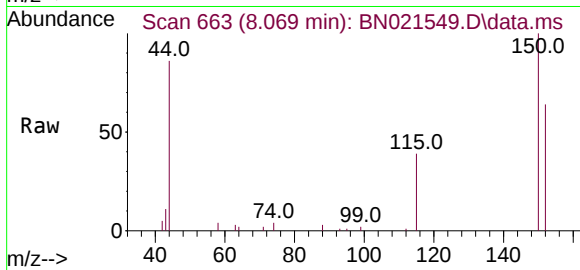
Quant Time: Sep 02 07:22:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
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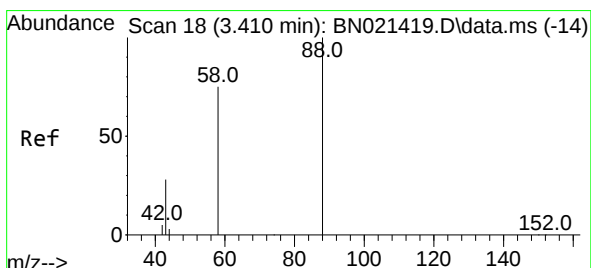
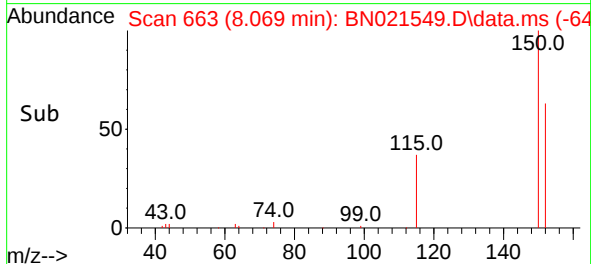
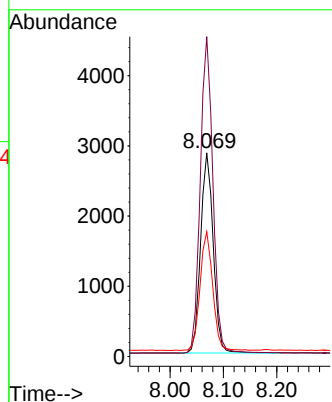


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021549.D
 Acq: 02 Sep 2022 06:53

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20220823

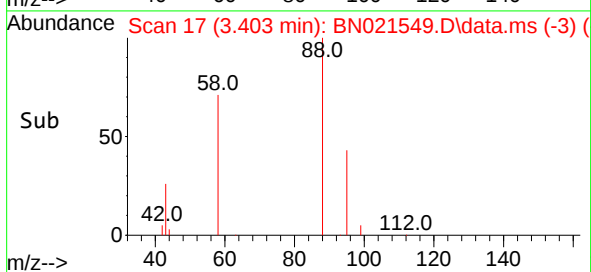
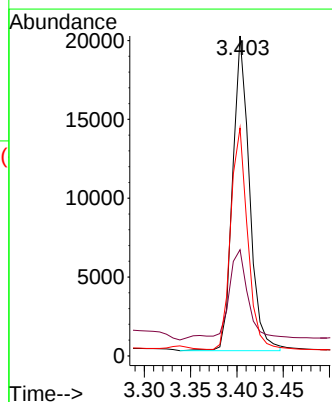
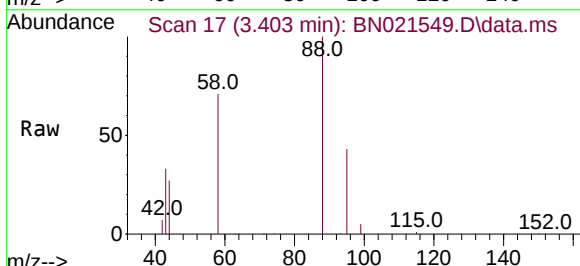


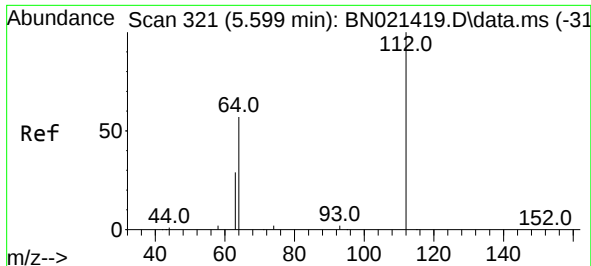
Tgt Ion:152 Resp: 4664
 Ion Ratio Lower Upper
 152 100
 150 157.0 121.4 182.0
 115 61.2 48.6 72.8



#2
 1,4-Dioxane
 Concen: 4.326 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021549.D
 Acq: 02 Sep 2022 06:53

Tgt Ion: 88 Resp: 25235
 Ion Ratio Lower Upper
 88 100
 43 34.1 35.8 53.8#
 58 70.9 57.1 85.7

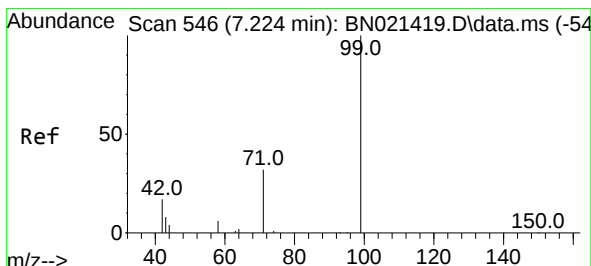
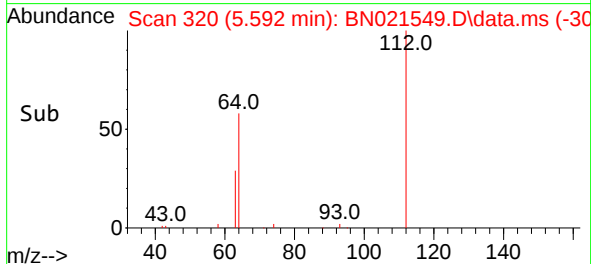
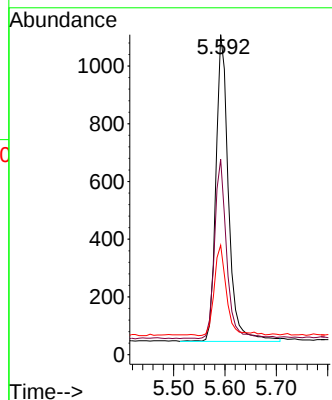
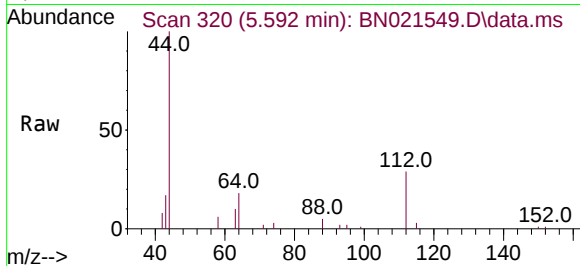




#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021549.D
Acq: 02 Sep 2022 06:53

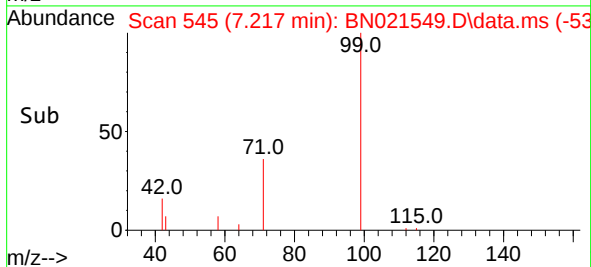
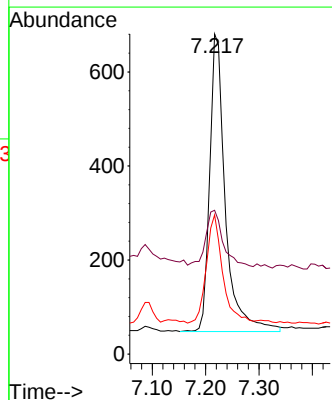
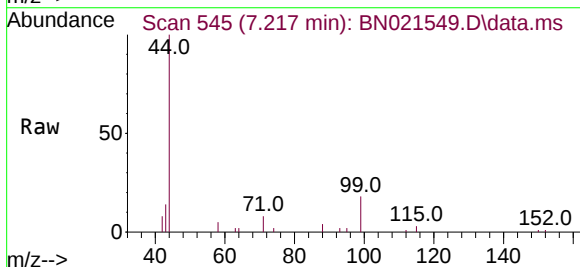
Instrument :
BNA_N
ClientSampleId :
RE105D2-20220823

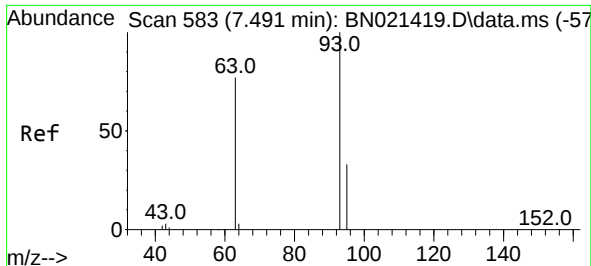
Tgt Ion:112 Resp: 1813
Ion Ratio Lower Upper
112 100
64 56.3 43.5 65.3
63 29.1 22.6 34.0



#5
Phenol-d6
Concen: 0.111 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021549.D
Acq: 02 Sep 2022 06:53

Tgt Ion: 99 Resp: 1290
Ion Ratio Lower Upper
99 100
42 21.5 15.5 23.3
71 37.7 24.2 36.2#

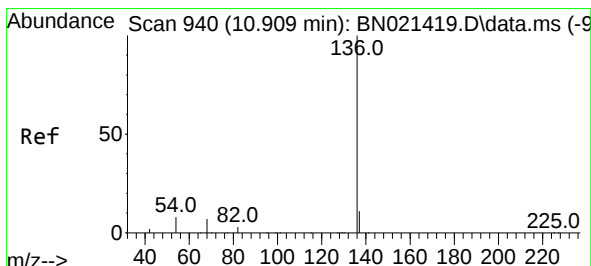
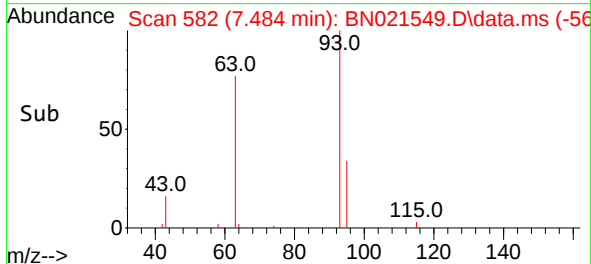
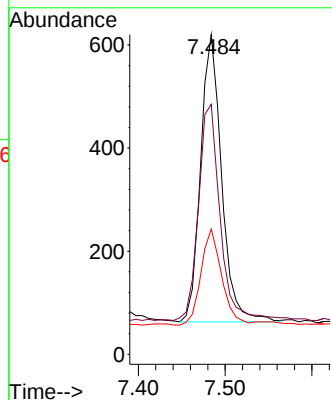
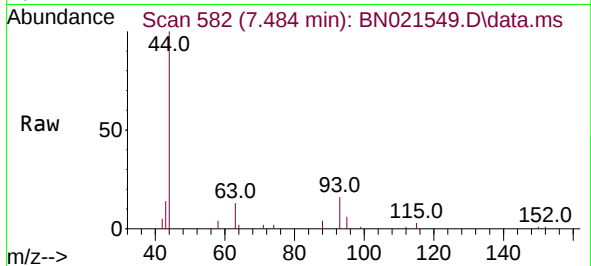




#6
bis(2-Chloroethyl)ether
Concen: 0.064 ng
RT: 7.484 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN021549.D
Acq: 02 Sep 2022 06:53

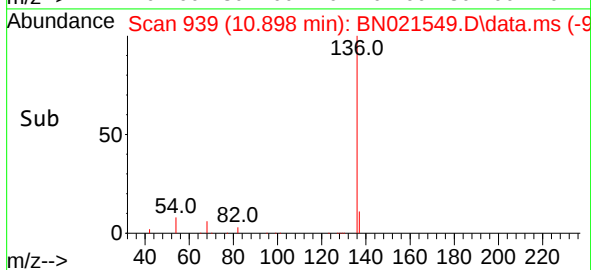
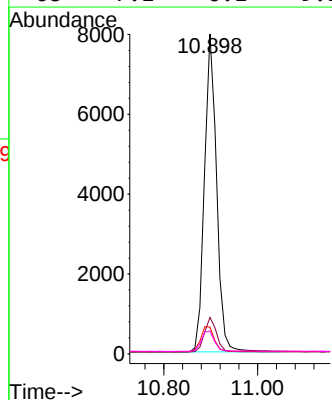
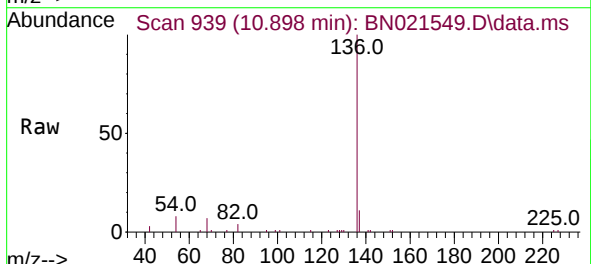
Instrument :
BNA_N
ClientSampleId :
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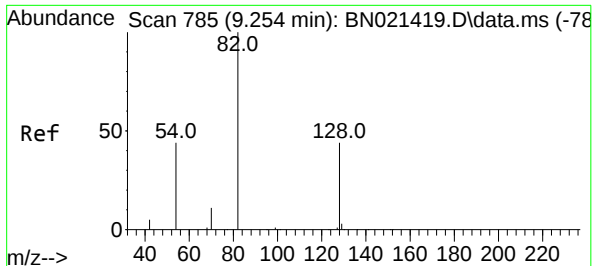
Tgt Ion: 93	Resp:	937
Ion	Ratio	Lower Upper
93	100	
63	77.7	57.8 86.8
95	33.0	25.9 38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021549.D
Acq: 02 Sep 2022 06:53

Tgt Ion: 136	Resp:	14291
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.3 13.9
54	8.4	6.9 10.3
68	7.1	6.1 9.1

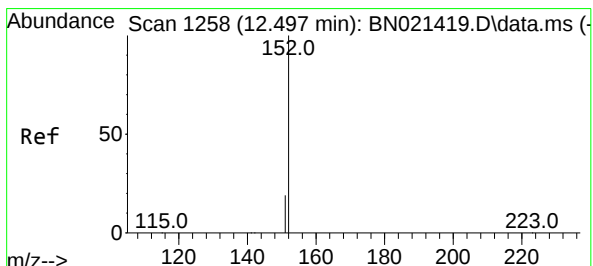
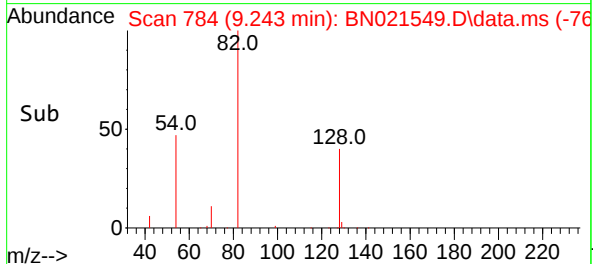
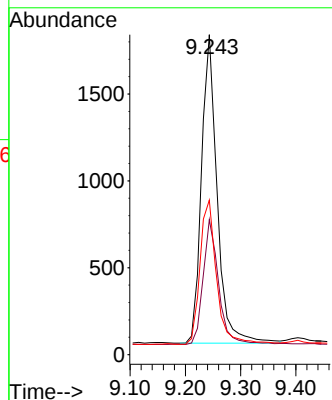
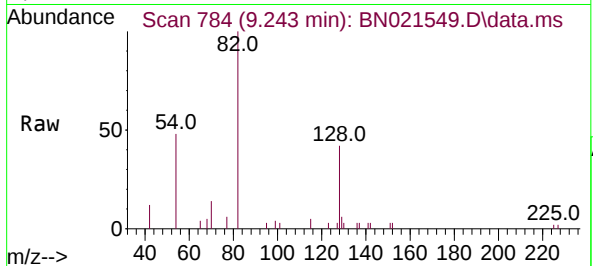




#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 9.243 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021549.D
Acq: 02 Sep 2022 06:53

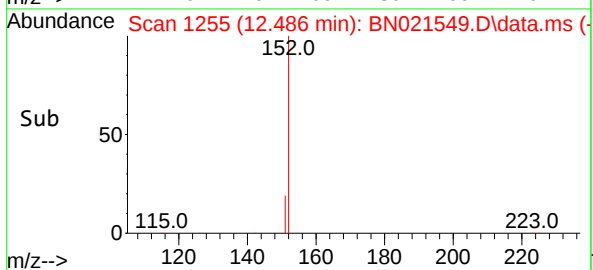
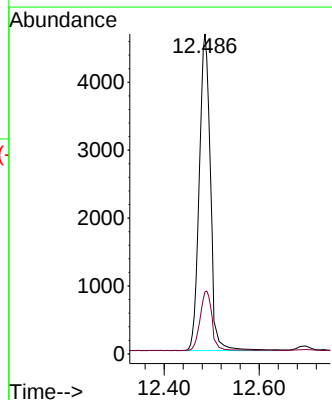
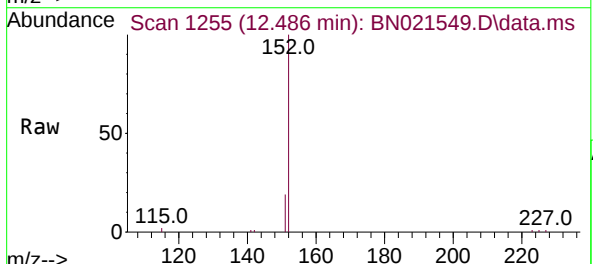
Instrument :
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ClientSampleId :
RE105D2-20220823

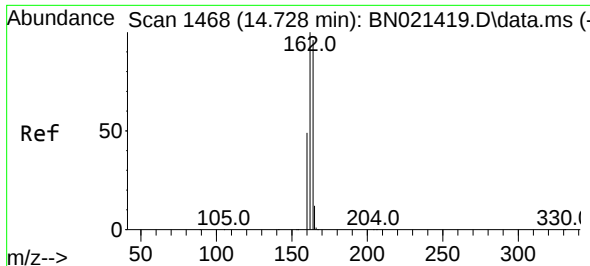
Tgt Ion: 82 Resp: 3490
Ion Ratio Lower Upper
82 100
128 42.2 30.9 46.3
54 48.3 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.486 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BN021549.D
Acq: 02 Sep 2022 06:53

Tgt Ion: 152 Resp: 12717
Ion Ratio Lower Upper
152 100
151 19.7 14.5 21.7

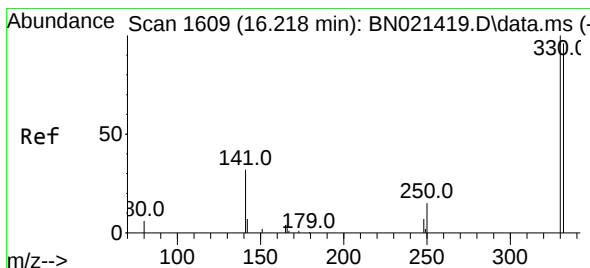
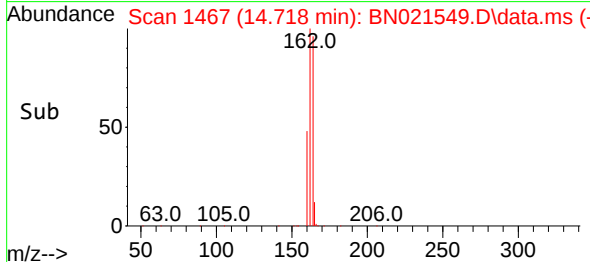
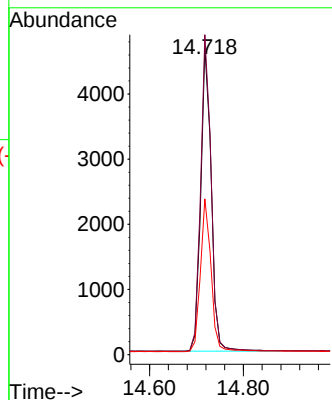
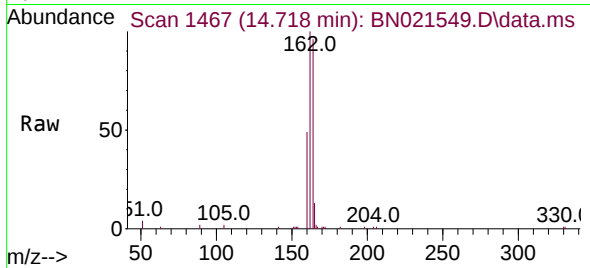




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021549.D
Acq: 02 Sep 2022 06:53

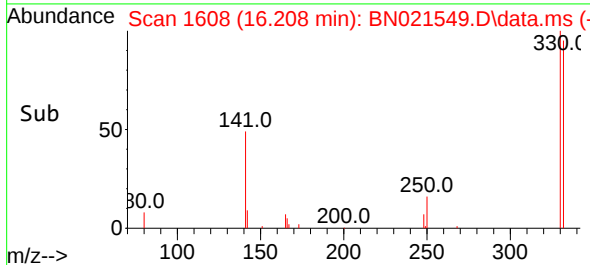
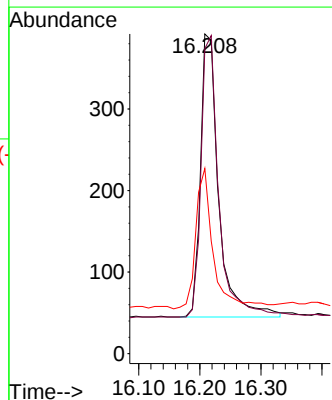
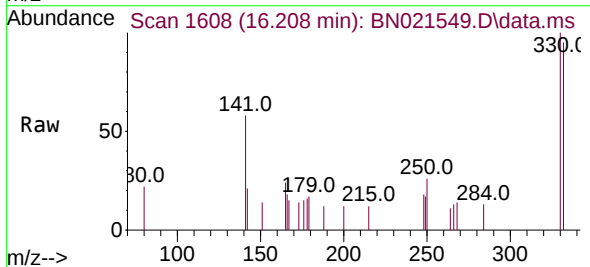
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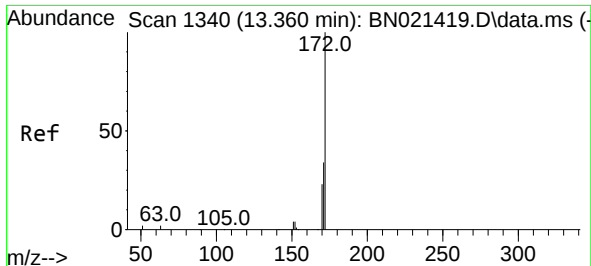
Tgt Ion:	164	Resp:	7246
Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.4
160	50.8	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.010 min
Lab File: BN021549.D
Acq: 02 Sep 2022 06:53

Tgt Ion:	330	Resp:	718
Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.3	118.9
141	48.1	37.1	55.7

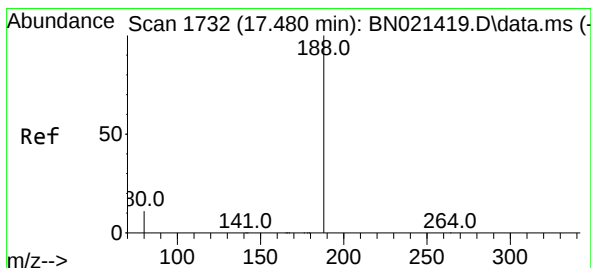
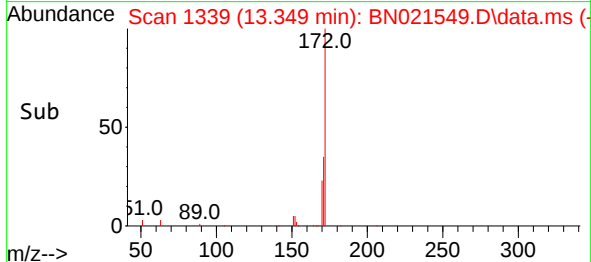
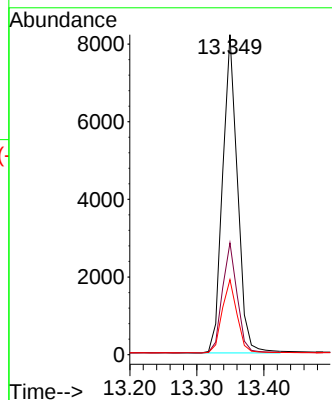
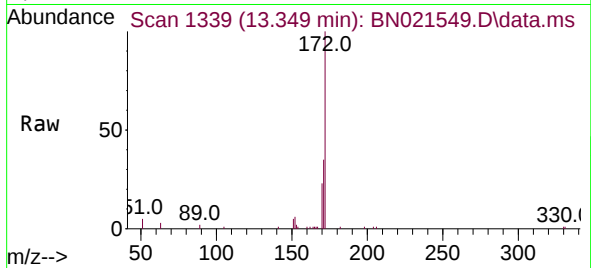




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021549.D
Acq: 02 Sep 2022 06:53

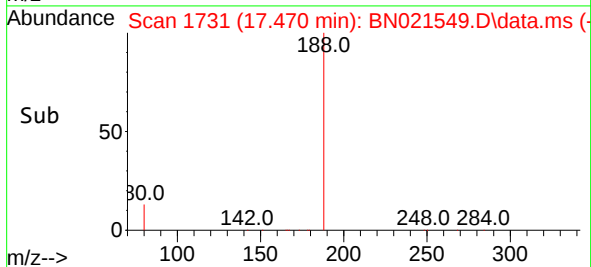
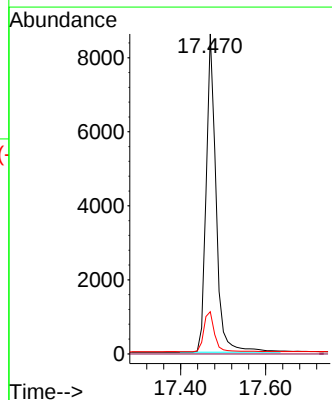
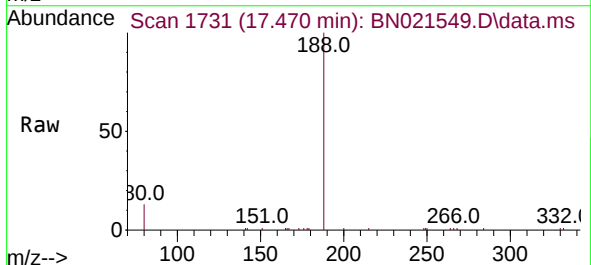
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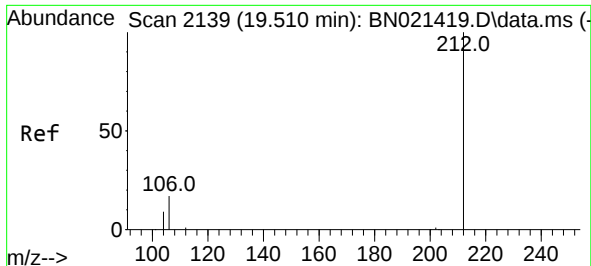
Tgt Ion:172 Resp: 12643
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.4 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN021549.D
Acq: 02 Sep 2022 06:53

Tgt Ion:188 Resp: 13824
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 9.5 14.3

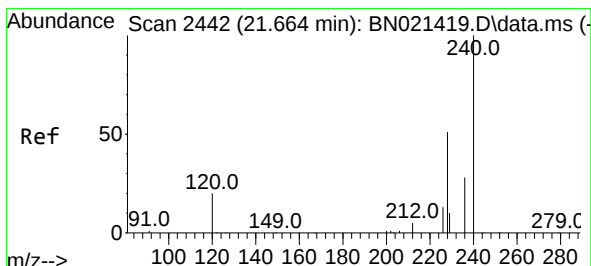
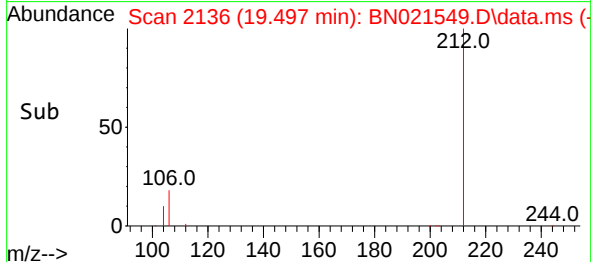
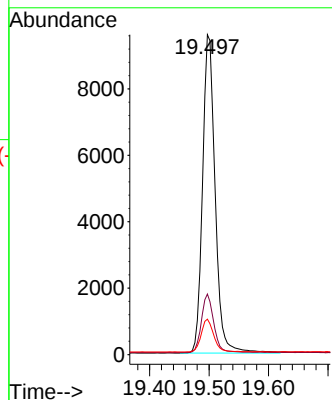
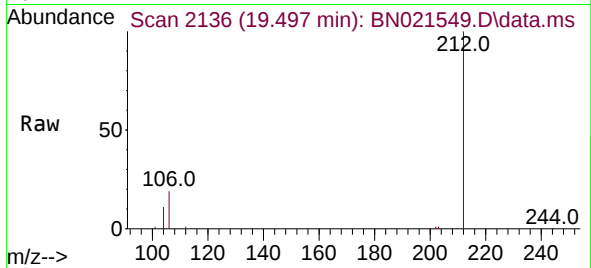




#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021549.D
Acq: 02 Sep 2022 06:53

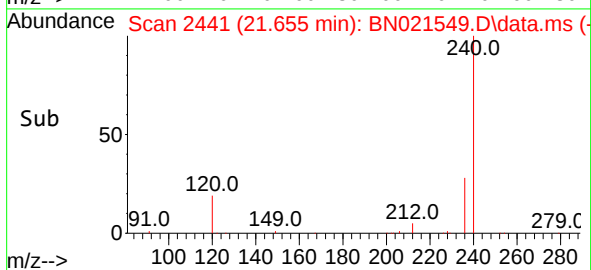
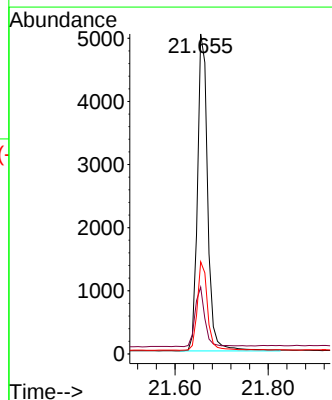
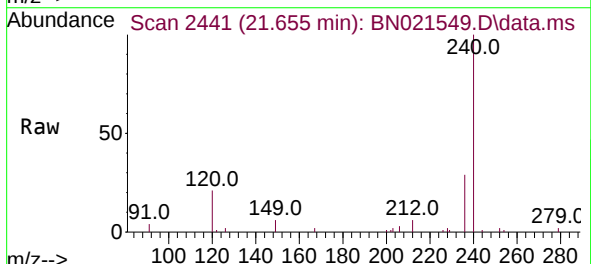
Instrument :
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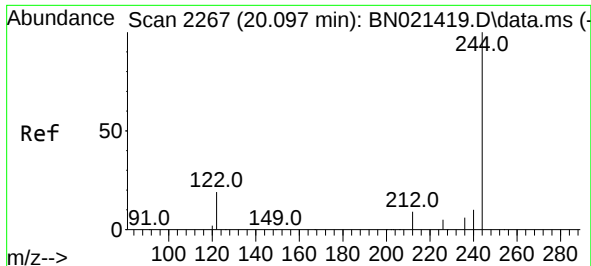
Tgt Ion:212 Resp: 14113
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.3 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021549.D
Acq: 02 Sep 2022 06:53

Tgt Ion:240 Resp: 7648
Ion Ratio Lower Upper
240 100
120 20.9 10.2 15.4#
236 28.8 22.1 33.1

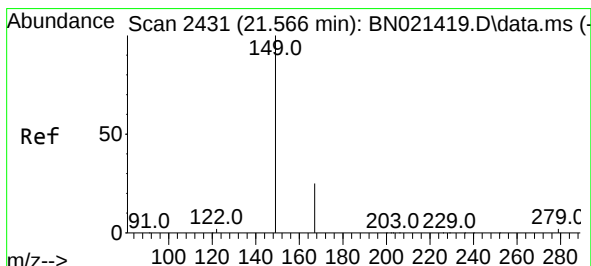
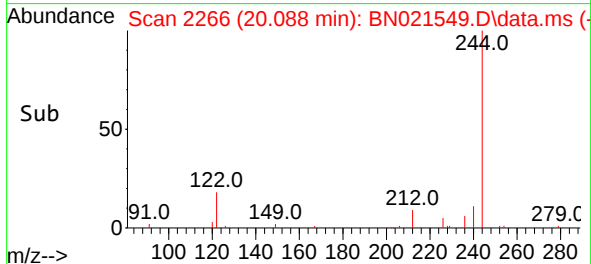
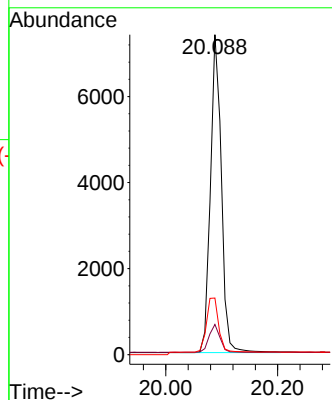
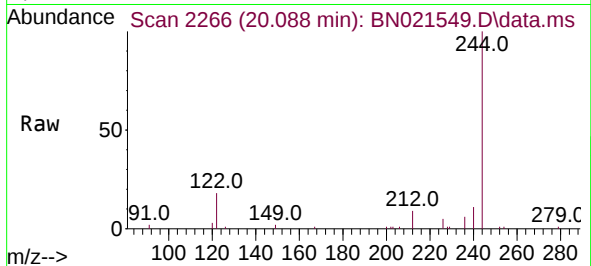




#31
 Terphenyl-d14
 Concen: 0.583 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021549.D
 Acq: 02 Sep 2022 06:53

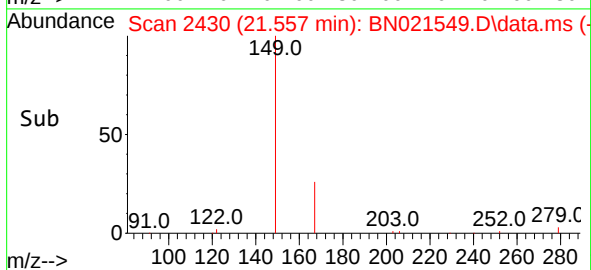
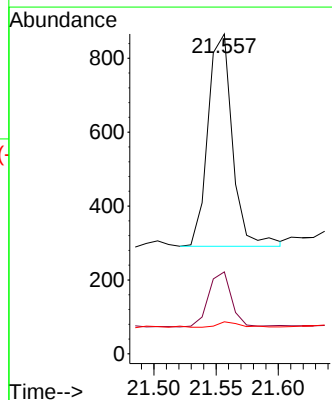
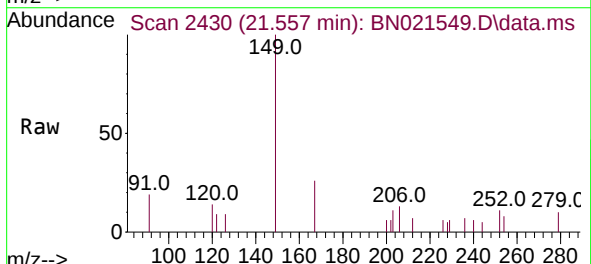
Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20220823

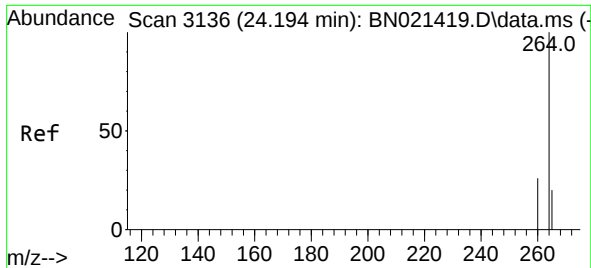
Tgt Ion:244 Resp: 10029
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.5 9.7
 122 17.7 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.557 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BN021549.D
 Acq: 02 Sep 2022 06:53

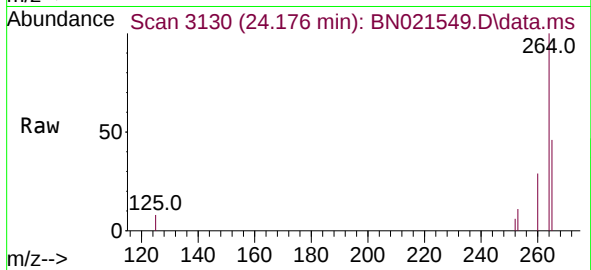
Tgt Ion:149 Resp: 791
 Ion Ratio Lower Upper
 149 100
 167 24.3 21.4 32.0
 279 2.3 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.176 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN021549.D
 Acq: 02 Sep 2022 06:53

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20220823



Tgt Ion:264 Resp: 5593
 Ion Ratio Lower Upper
 264 100
 260 28.6 21.0 31.6
 265 46.0 32.2 48.2

