

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110922\
 Data File : BN022573.D
 Acq On : 09 Nov 2022 10:59
 Operator : CG/JU
 Sample : PB148856BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB148856BL

Quant Time: Nov 09 23:56:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 09 23:46:48 2022
 Response via : Initial Calibration

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

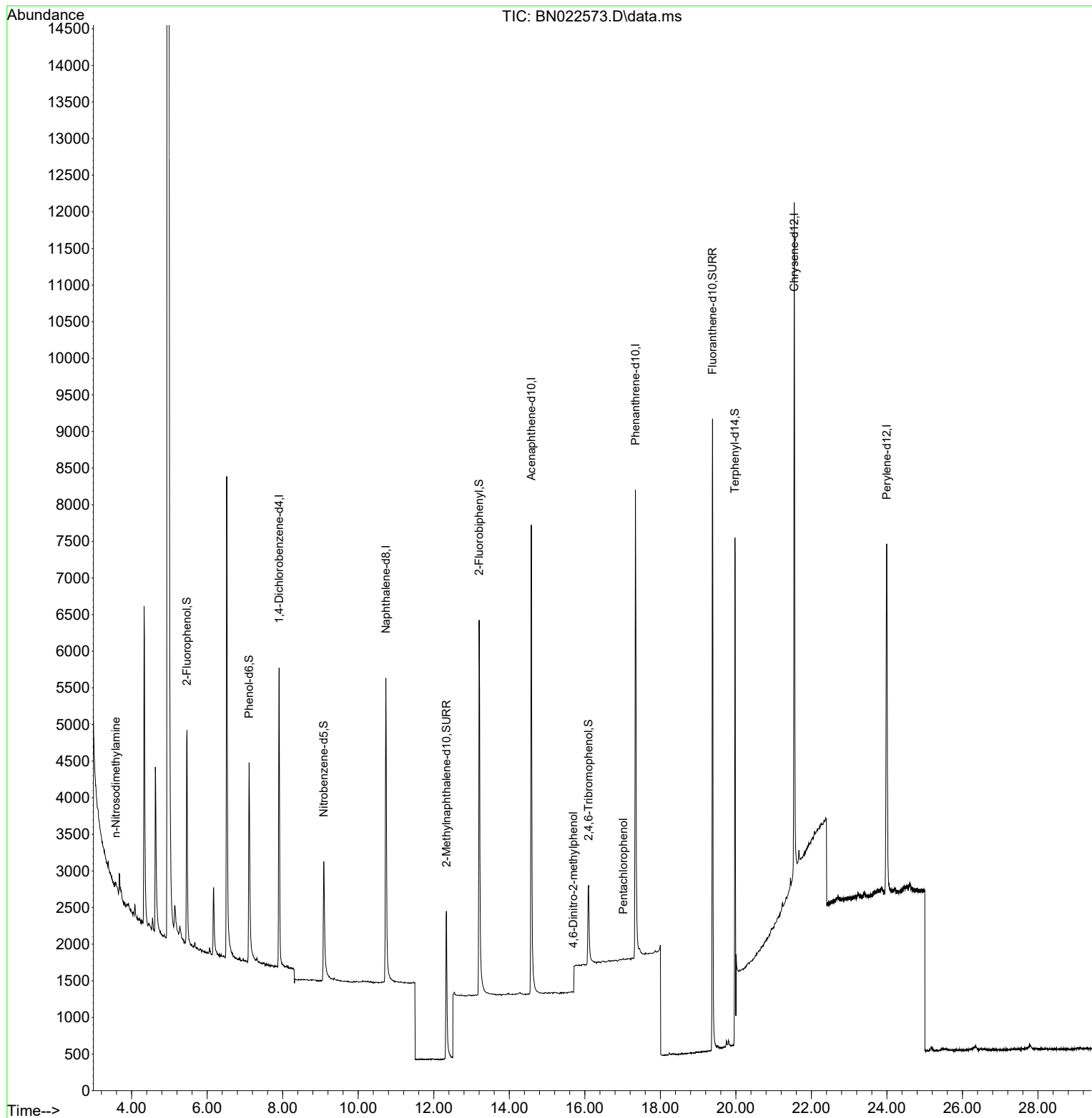
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.906	152	2188	0.400	ng	0.00
7) Naphthalene-d8	10.731	136	6808	0.400	ng	0.00
13) Acenaphthene-d10	14.582	164	4387	0.400	ng	0.00
19) Phenanthrene-d10	17.341	188	10085	0.400	ng	# 0.00
29) Chrysene-d12	21.546	240	8750	0.400	ng	0.00
35) Perylene-d12	23.993	264	7287	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.465	112	2729	0.442	ng	0.00
5) Phenol-d6	7.112	99	3390	0.435	ng	0.00
8) Nitrobenzene-d5	9.086	82	2101	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.334	152	3773	0.330	ng	0.00
14) 2,4,6-Tribromophenol	16.100	330	907	0.394	ng	0.02
15) 2-Fluorobiphenyl	13.203	172	5711	0.312	ng	0.00
27) Fluoranthene-d10	19.382	212	10104	0.367	ng	0.00
31) Terphenyl-d14	19.976	244	10886	0.399	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.580	42	85	0.025	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.694	198	6	0.233	ng	# 1
24) Pentachlorophenol	17.019	266	19	0.175	ng	# 74

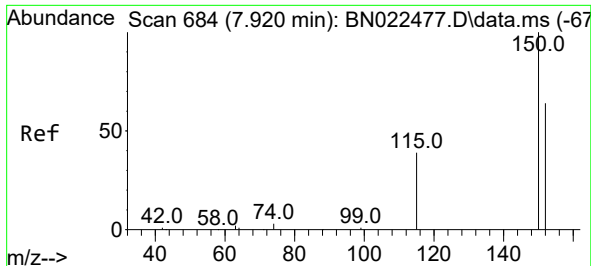
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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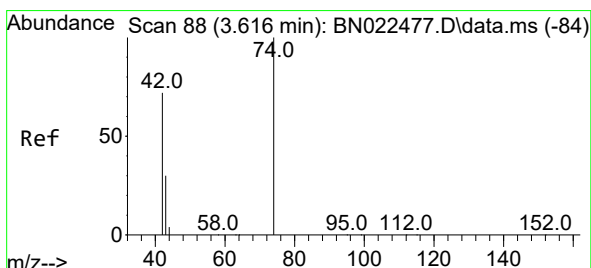
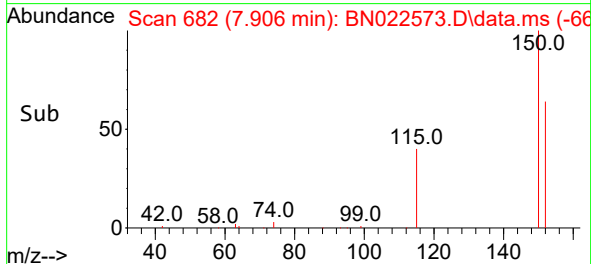
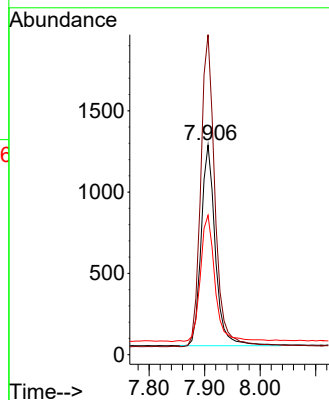
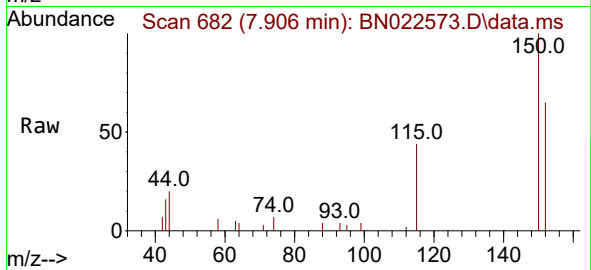




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.906 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022573.D
 Acq: 09 Nov 2022 10:59

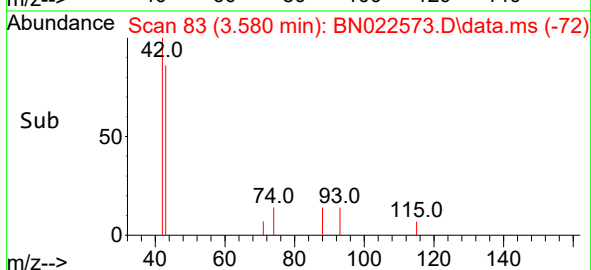
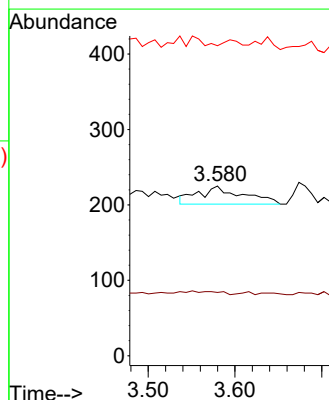
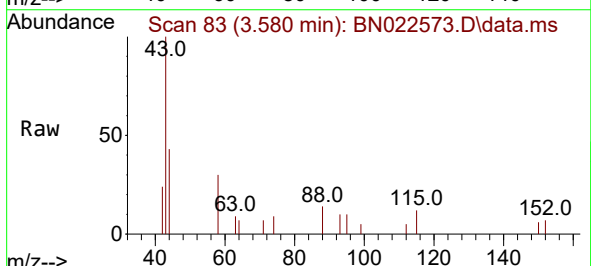
Instrument :
 BNA_N
 ClientSampleId :
 PB148856BL

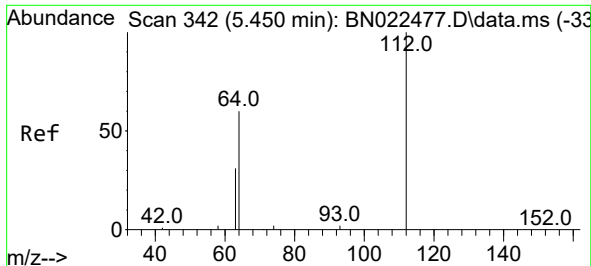
Tgt Ion:152 Resp: 2188
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.4 185.2
 115 66.5 54.9 82.3



#3
 n-Nitrosodimethylamine
 Concen: 0.025 ng
 RT: 3.580 min Scan# 83
 Delta R.T. -0.022 min
 Lab File: BN022573.D
 Acq: 09 Nov 2022 10:59

Tgt Ion: 42 Resp: 85
 Ion Ratio Lower Upper
 42 100
 74 0.0 110.6 165.8#
 44 16.5 8.6 13.0#

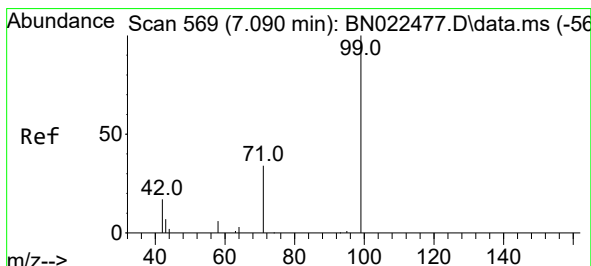
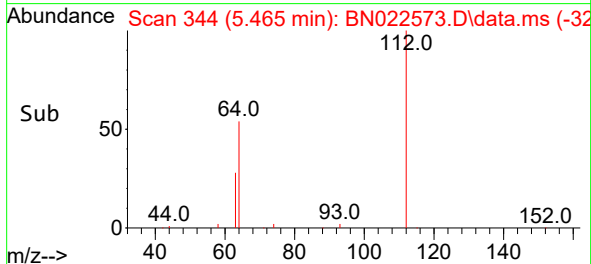
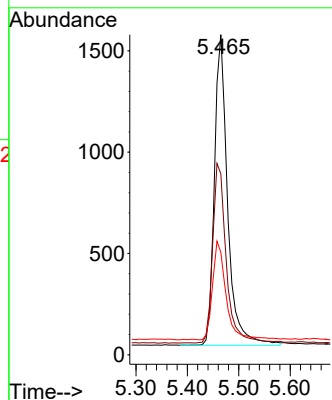
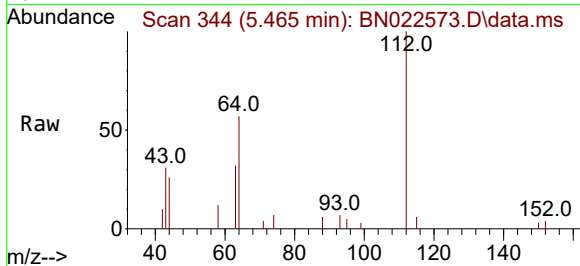




#4
2-Fluorophenol
Concen: 0.442 ng
RT: 5.465 min Scan# 34
Delta R.T. 0.007 min
Lab File: BN022573.D
Acq: 09 Nov 2022 10:59

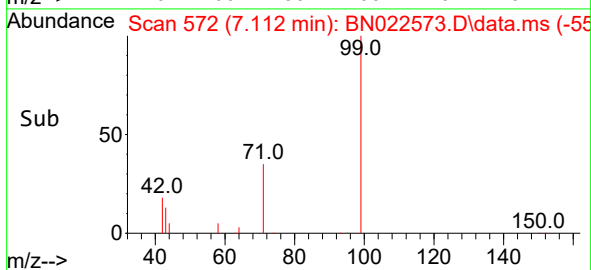
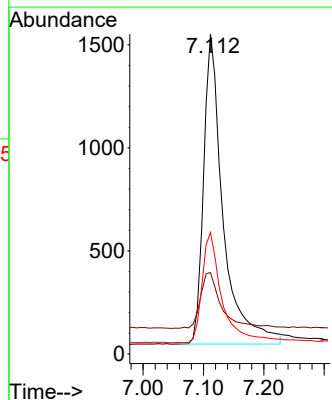
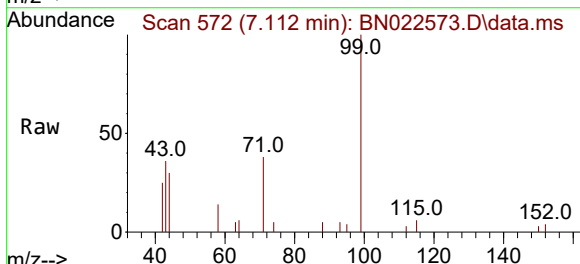
Instrument :
BNA_N
ClientSampleId :
PB148856BL

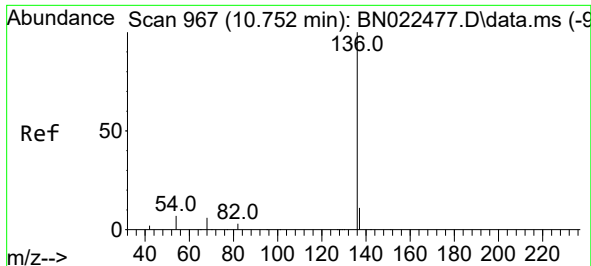
Tgt Ion:112 Resp: 2729
Ion Ratio Lower Upper
112 100
64 59.5 47.1 70.7
63 32.6 24.6 36.8



#5
Phenol-d6
Concen: 0.435 ng
RT: 7.112 min Scan# 572
Delta R.T. 0.007 min
Lab File: BN022573.D
Acq: 09 Nov 2022 10:59

Tgt Ion: 99 Resp: 3390
Ion Ratio Lower Upper
99 100
42 19.3 14.7 22.1
71 36.1 27.0 40.6

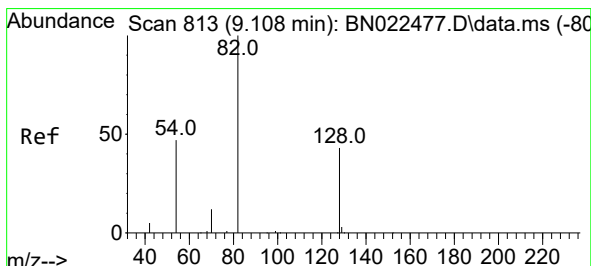
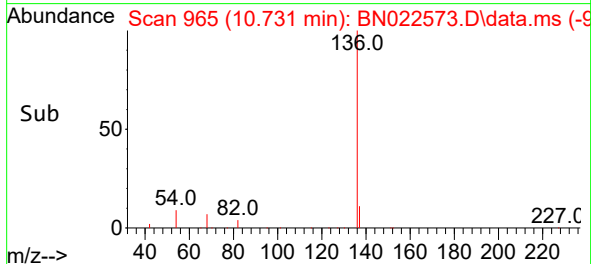
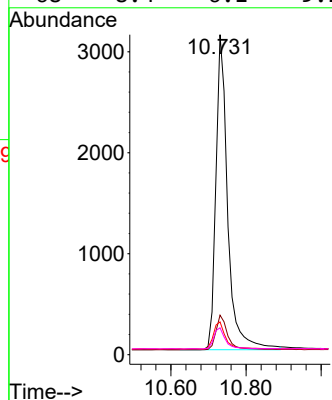
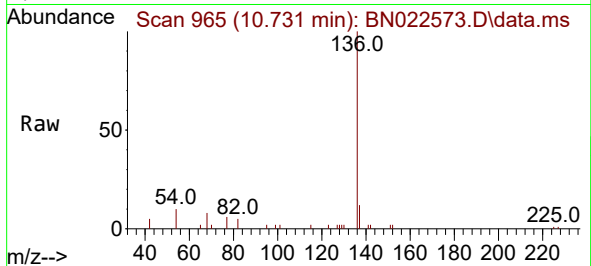




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.731 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN022573.D
Acq: 09 Nov 2022 10:59

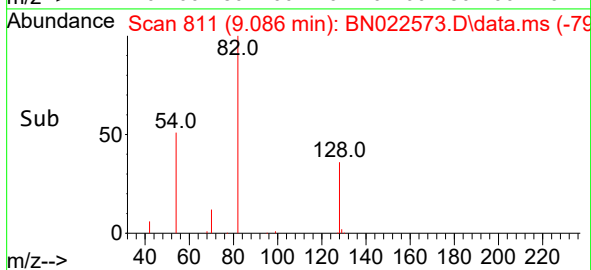
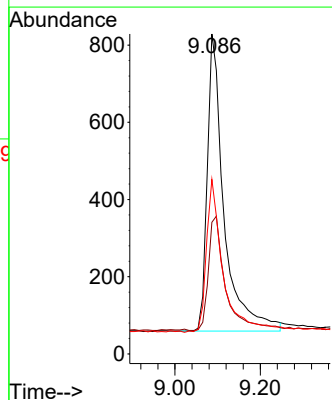
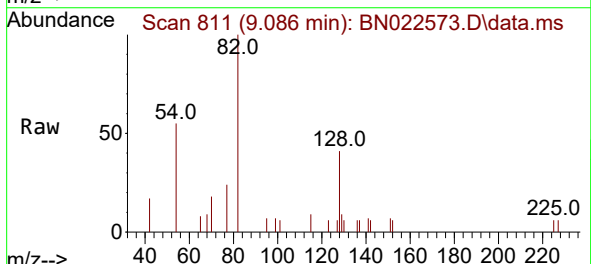
Instrument :
BNA_N
ClientSampleId :
PB148856BL

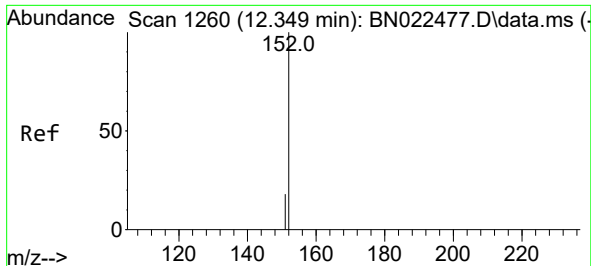
Tgt Ion:	136	Resp:	6808
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	10.3	7.1	10.7
68	8.4	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 9.086 min Scan# 811
Delta R.T. -0.000 min
Lab File: BN022573.D
Acq: 09 Nov 2022 10:59

Tgt Ion:	82	Resp:	2101
Ion	Ratio	Lower	Upper
82	100		
128	41.1	37.3	55.9
54	54.5	40.0	60.0

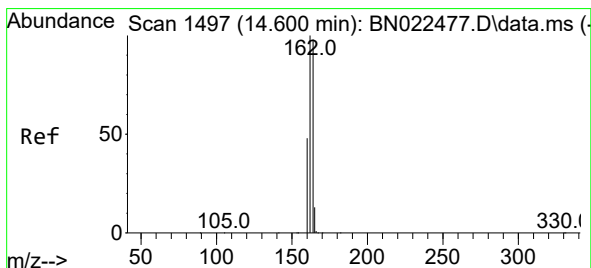
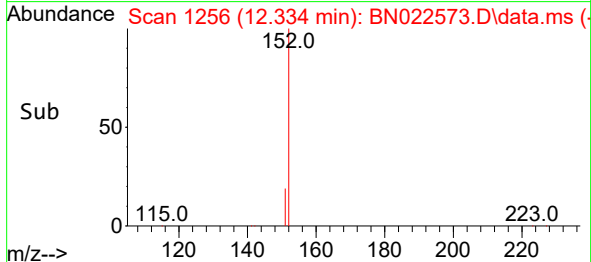
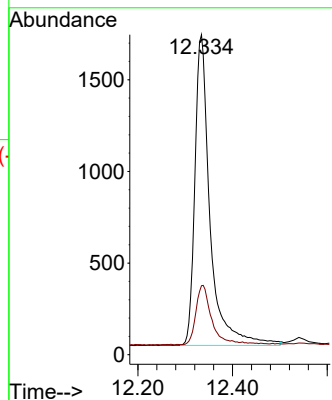
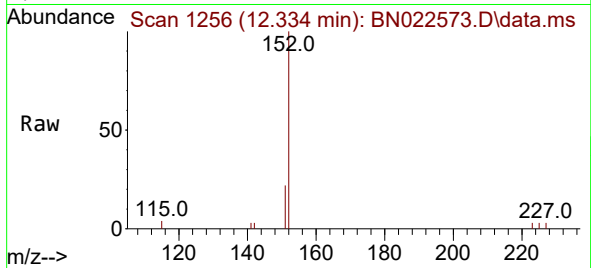




#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.334 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN022573.D
Acq: 09 Nov 2022 10:59

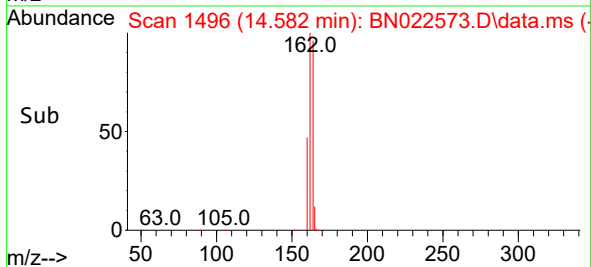
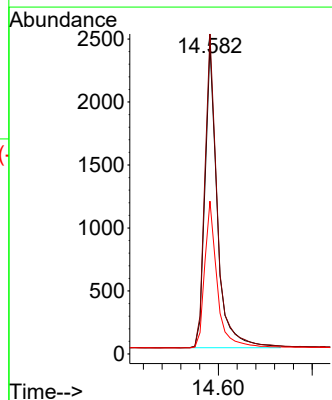
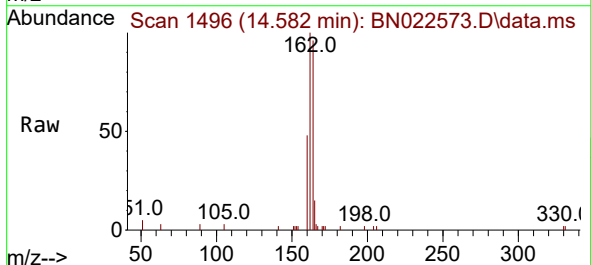
Instrument :
BNA_N
ClientSampleId :
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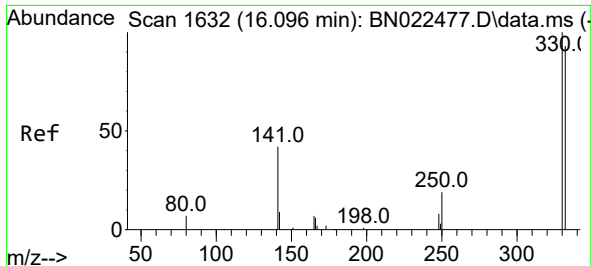
Tgt Ion:152 Resp: 3773
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.582 min Scan# 1496
Delta R.T. 0.004 min
Lab File: BN022573.D
Acq: 09 Nov 2022 10:59

Tgt Ion:164 Resp: 4387
Ion Ratio Lower Upper
164 100
162 103.8 82.0 123.0
160 49.6 39.4 59.2

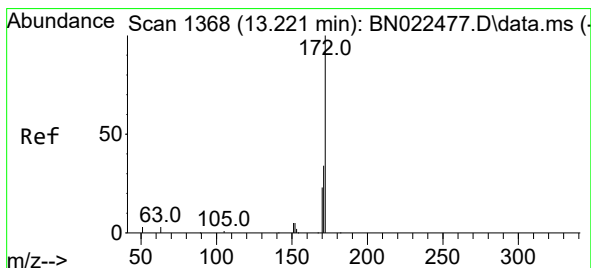
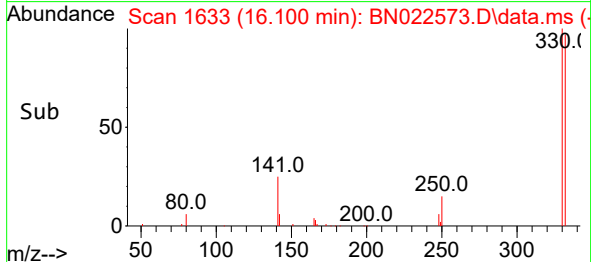
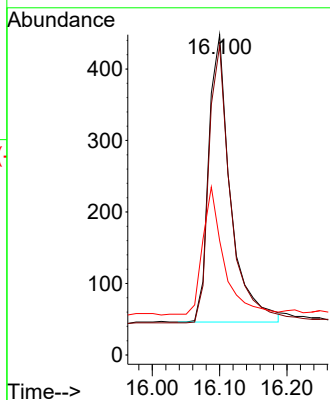
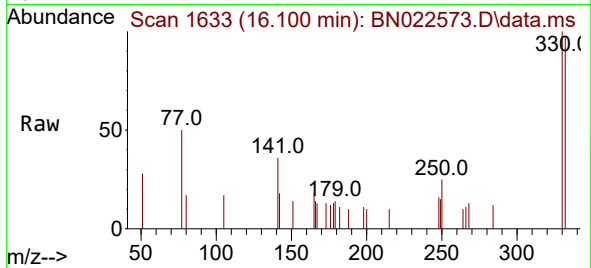




#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 16.100 min Scan# 1633
Delta R.T. 0.016 min
Lab File: BN022573.D
Acq: 09 Nov 2022 10:59

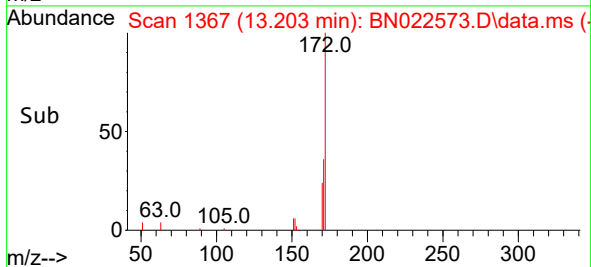
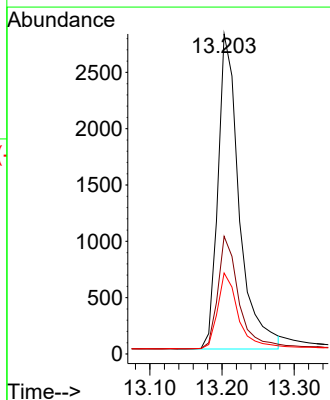
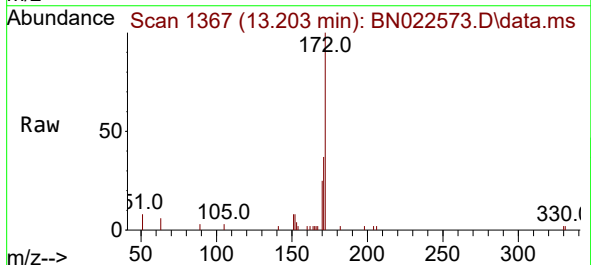
Instrument :
BNA_N
ClientSampleId :
PB148856BL

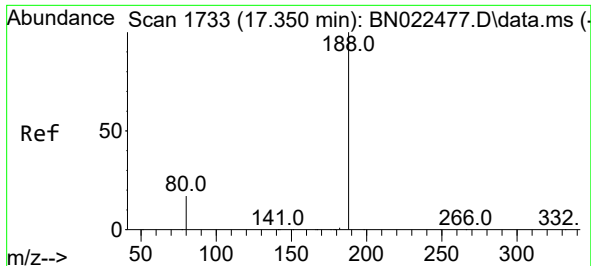
Tgt Ion:330 Resp: 907
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 42.3 35.0 52.6



#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.203 min Scan# 1367
Delta R.T. 0.004 min
Lab File: BN022573.D
Acq: 09 Nov 2022 10:59

Tgt Ion:172 Resp: 5711
Ion Ratio Lower Upper
172 100
171 36.7 27.9 41.9
170 25.3 19.2 28.8

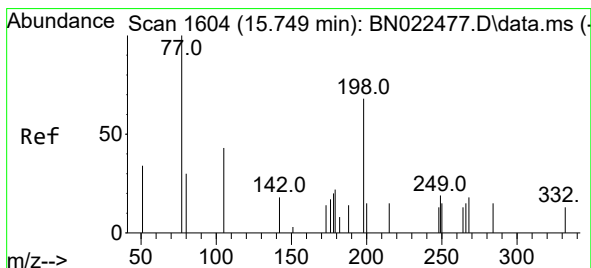
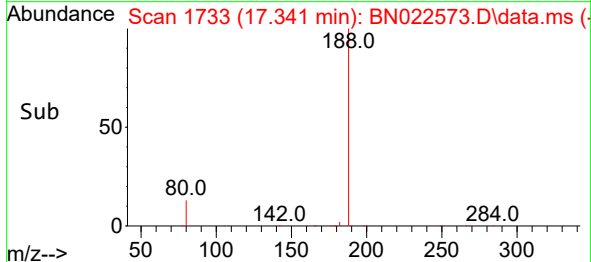
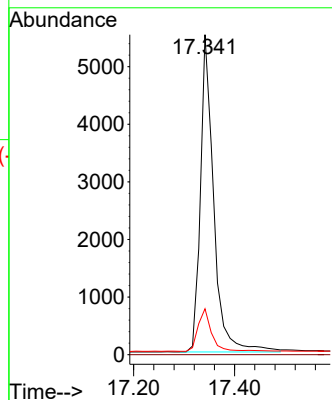
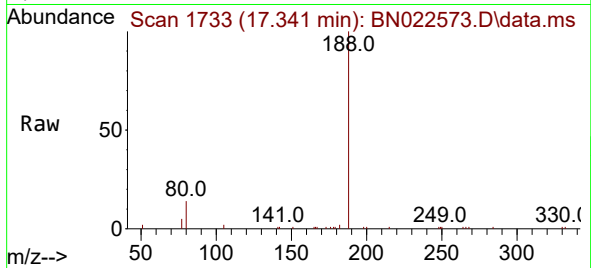




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.341 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN022573.D
Acq: 09 Nov 2022 10:59

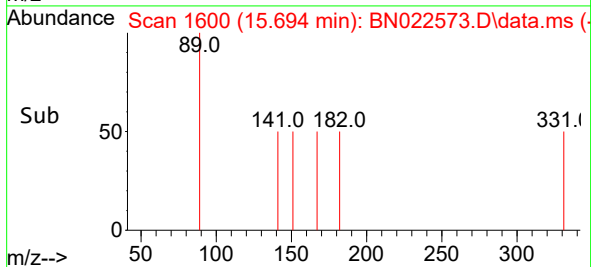
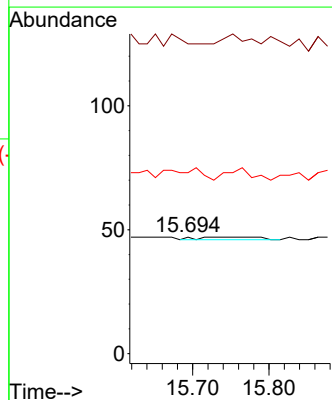
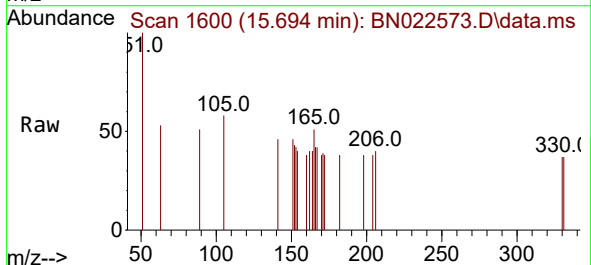
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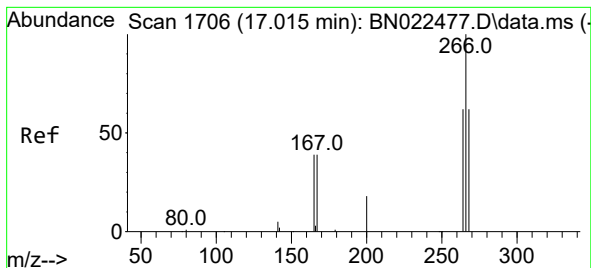
Tgt Ion:188 Resp: 10085
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 14.6 21.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.233 ng
RT: 15.694 min Scan# 1600
Delta R.T. -0.043 min
Lab File: BN022573.D
Acq: 09 Nov 2022 10:59

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 266.0 83.8 125.8#
105 155.3 71.4 107.2#





#24

Pentachlorophenol

Concen: 0.175 ng

RT: 17.019 min Scan# 11

Delta R.T. 0.016 min

Lab File: BN022573.D

Acq: 09 Nov 2022 10:59

Instrument :

BNA_N

ClientSampleId :

PB148856BL

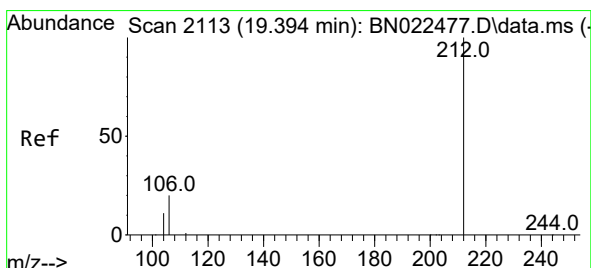
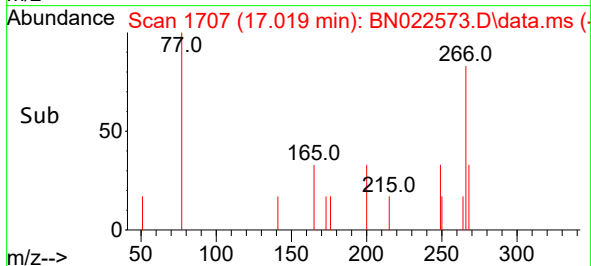
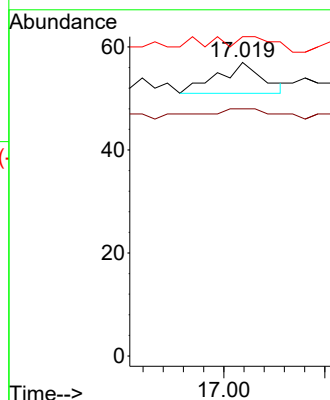
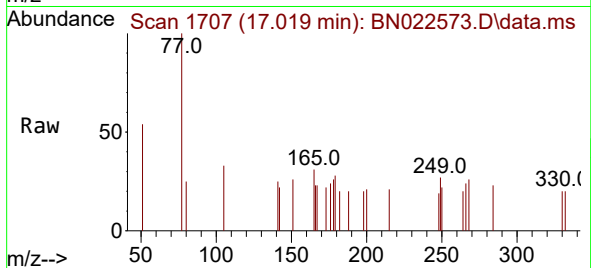
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 52.6 50.6 75.8

268 36.8 54.1 81.1#



#27

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.382 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BN022573.D

Acq: 09 Nov 2022 10:59

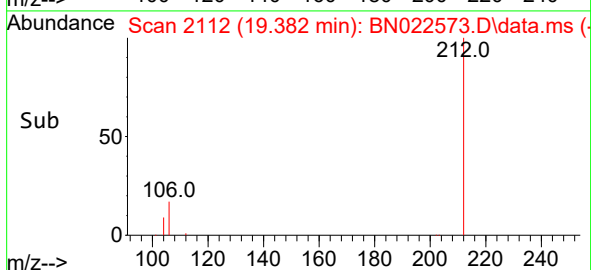
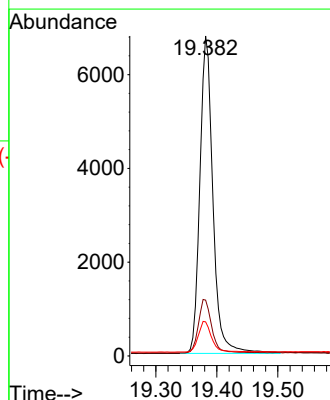
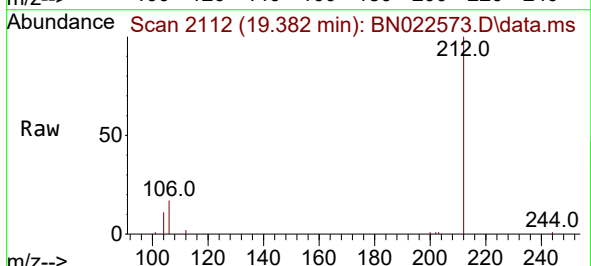
Tgt Ion:212 Resp: 10104

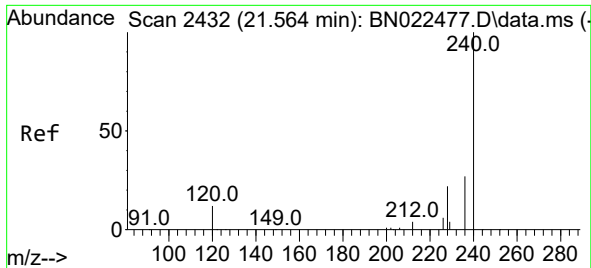
Ion Ratio Lower Upper

212 100

106 17.2 15.2 22.8

104 9.7 8.6 12.8

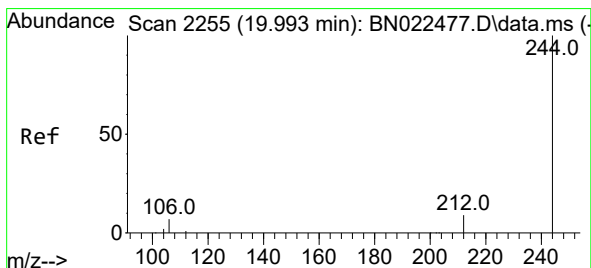
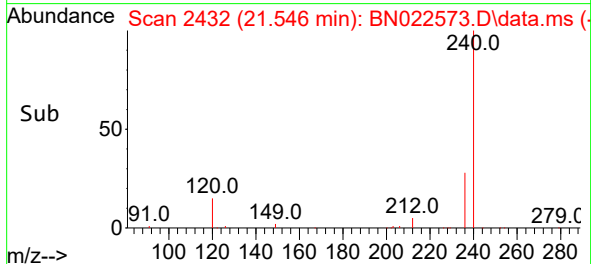
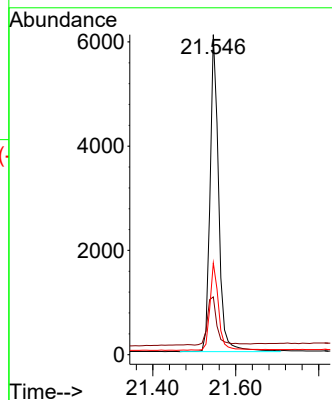
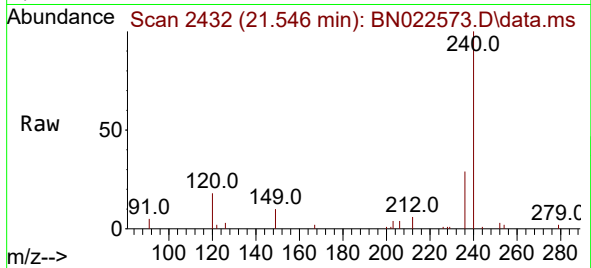




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.546 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN022573.D
Acq: 09 Nov 2022 10:59

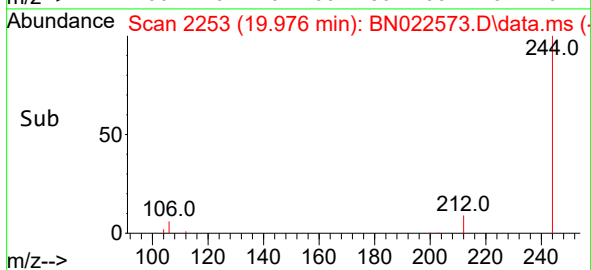
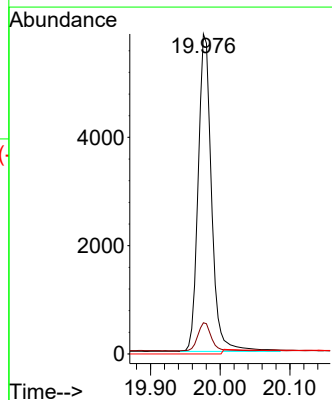
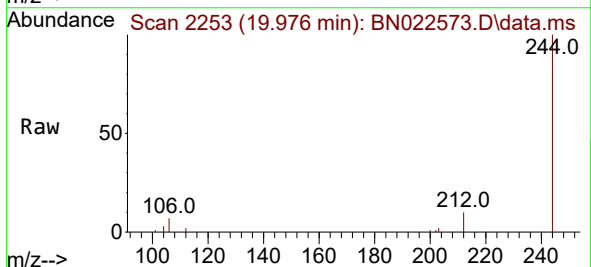
Instrument :
BNA_N
ClientSampleId :
PB148856BL

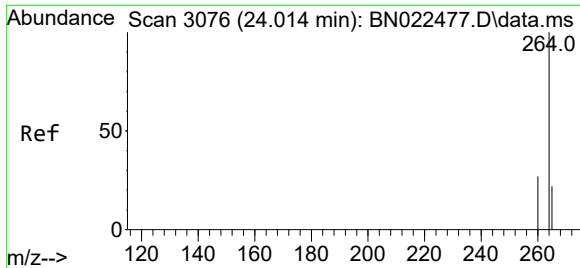
Tgt Ion:240 Resp: 8750
Ion Ratio Lower Upper
240 100
120 18.0 12.4 18.6
236 28.7 22.7 34.1



#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.976 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BN022573.D
Acq: 09 Nov 2022 10:59

Tgt Ion:244 Resp: 10886
Ion Ratio Lower Upper
244 100
212 9.7 7.8 11.8
122 0.0 0.0 0.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.993 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN022573.D
 Acq: 09 Nov 2022 10:59

Instrument :
 BNA_N
 ClientSampleId :
 PB148856BL

Tgt Ion:264	Resp:	7287
Ion	Ratio	Lower Upper
264	100	
260	26.4	22.4 33.6
265	65.2	44.4 66.6

