Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021553.D
Acq On : 02 Sep 2022 09:19
Operator : CG/JU
Sample : N4357-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT180D-20220823

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

Quant Time: Sep 03 00:07:25 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	4777	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	15006	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	8123	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	17273	0.400	ng	0.00
29) Chrysene-d12	21.655	240	11483	0.400	ng	# 0.00
35) Perylene-d12	24.179	264	7776	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1168	0.125	ng	0.00
5) Phenol-d6	7.217	99	820	0.069	ng	0.00
8) Nitrobenzene-d5	9.243	82	2869m	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	11430	0.338	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	814	0.305	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	11530	0.325	ng	0.00
27) Fluoranthene-d10	19.501	212	16308	0.367	ng	0.00
31) Terphenyl-d14	20.088	244	12555	0.486	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	811	0.136	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.557	149	2509	0.156	ng	98

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

Quantitation Report (QT Reviewed)

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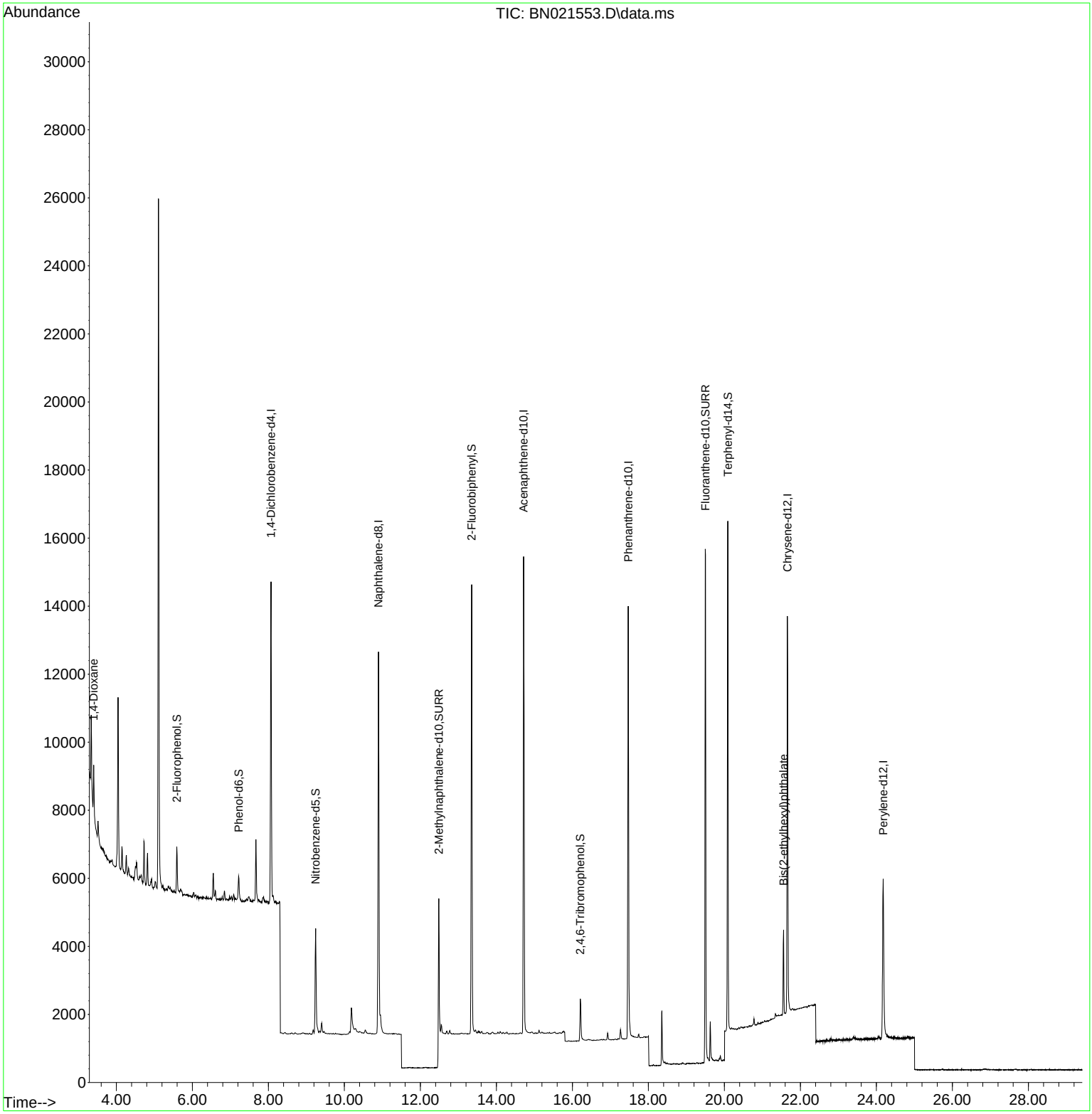
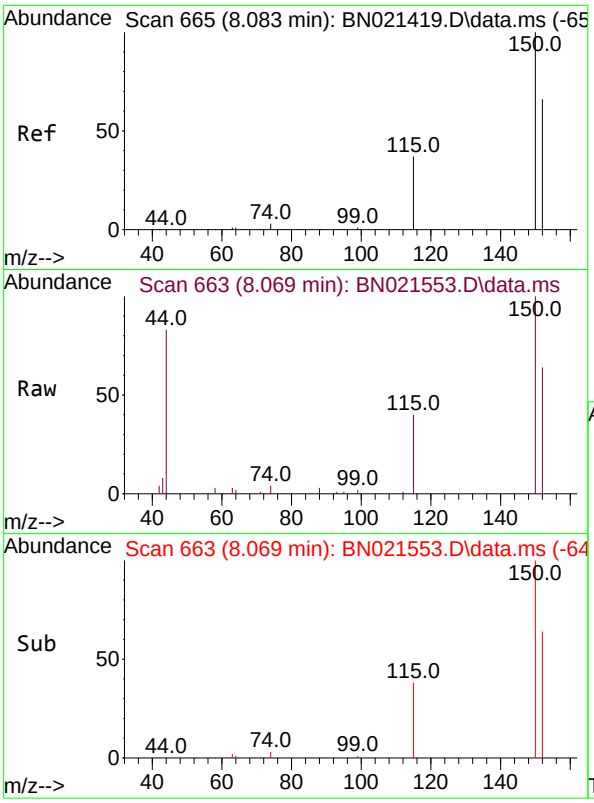
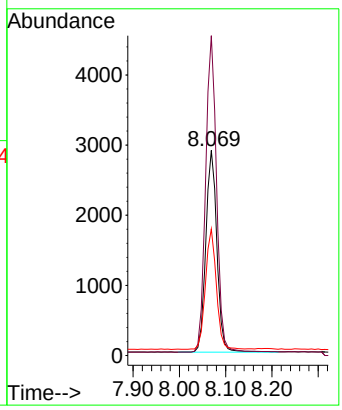




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:152 Resp: 477

Ion	Ratio	Lower	Upper
152	100		
150	155.9	121.4	182.0
115	61.7	48.6	72.8



Instrument :
BNA_N
ClientSampleId :
TT180D-20220823

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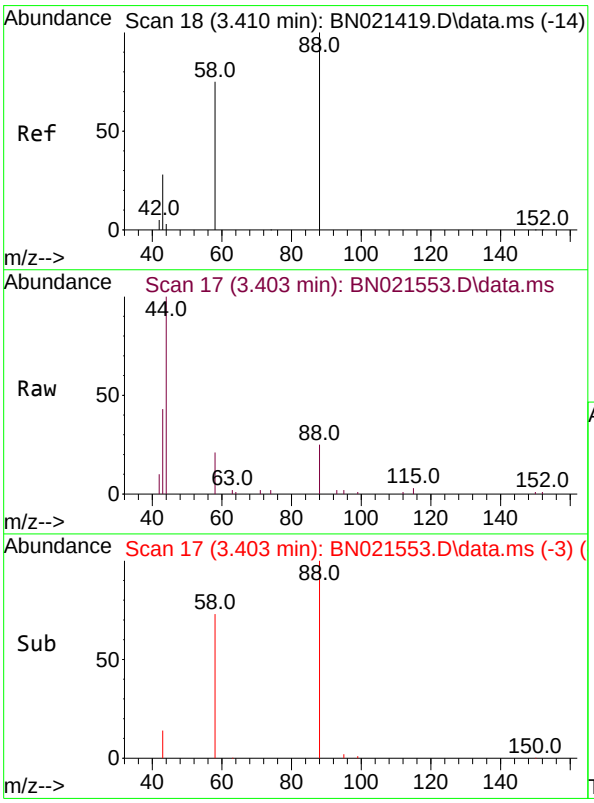
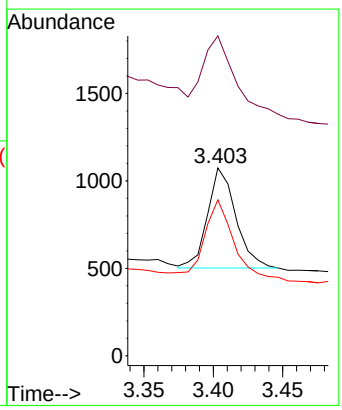
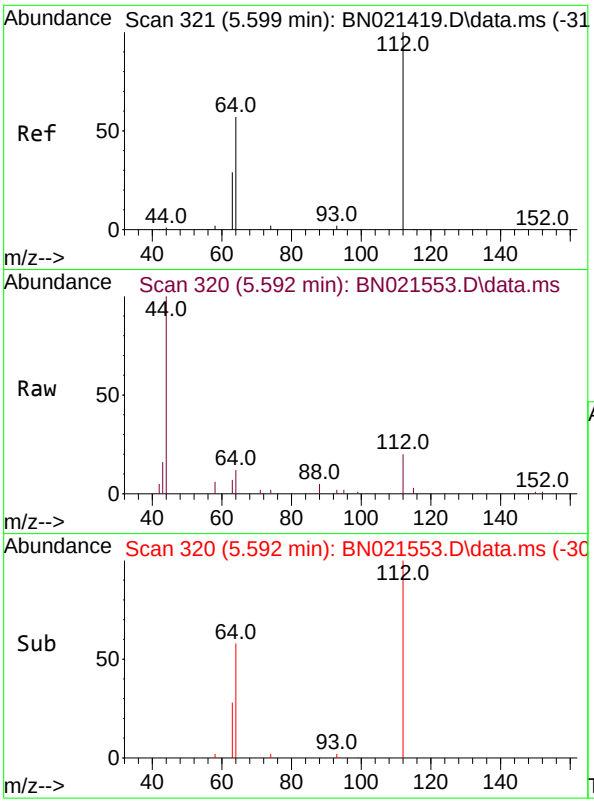


#2
1,4-Dioxane
Concen: 0.136 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion: 88 Resp: 811

Ion	Ratio	Lower	Upper
88	100		
43	86.4	35.8	53.8#
58	76.3	57.1	85.7





#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.592 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:112 Resp: 116

Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.5	65.3
63	28.7	22.6	34.0

Instrument :
BNA_N
ClientSampleId :
TT180D-20220823

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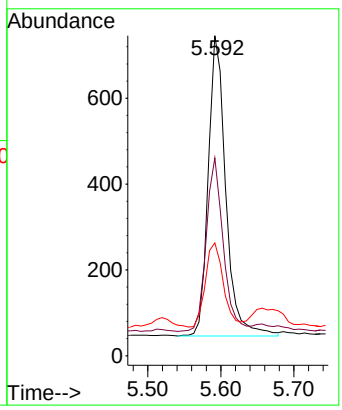
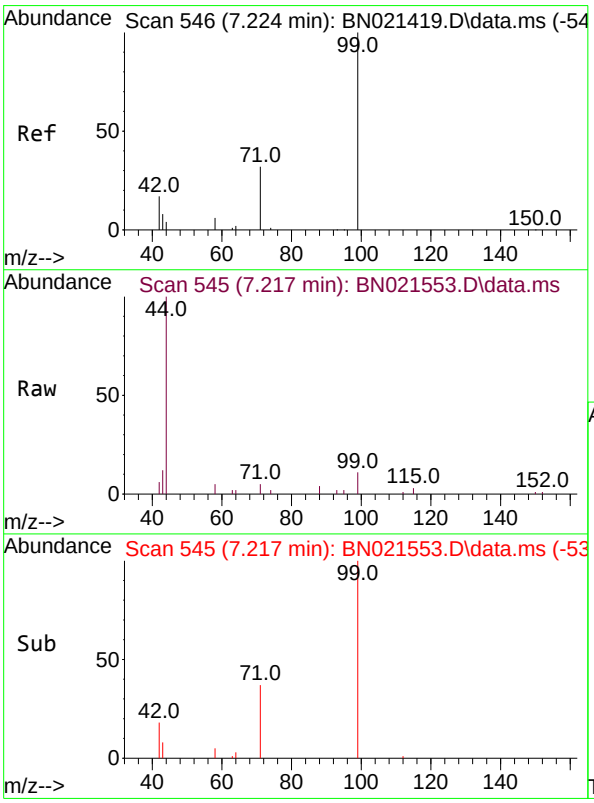
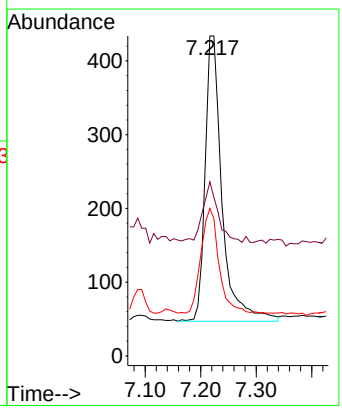


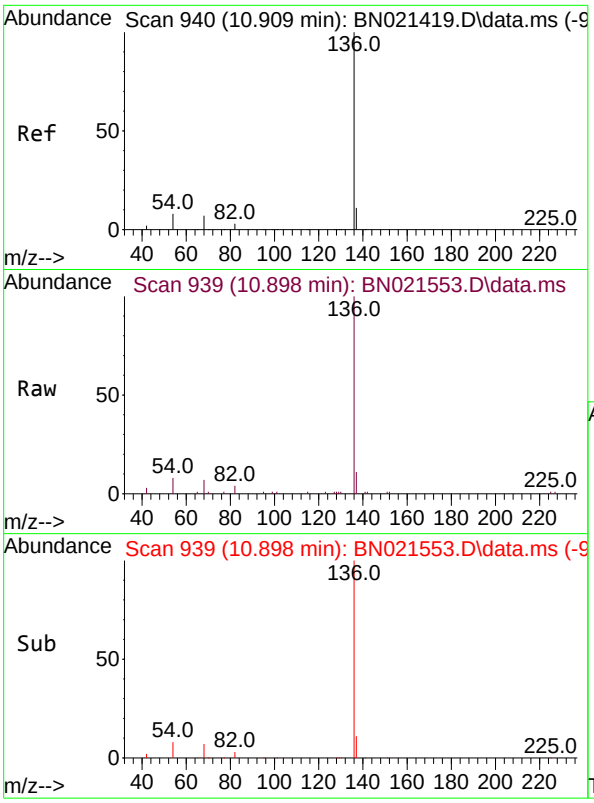


#5
Phenol-d6
Concen: 0.069 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion: 99 Resp: 820

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.5	23.3
71	38.9	24.2	36.2#

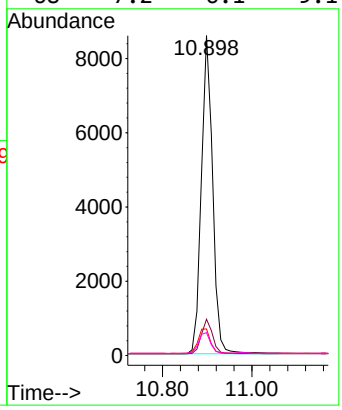




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:136 Resp: 1500

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.3	6.9	10.3
68	7.2	6.1	9.1



Instrument :
BNA_N
ClientSampleId :
TT180D-20220823

Manual Integrations
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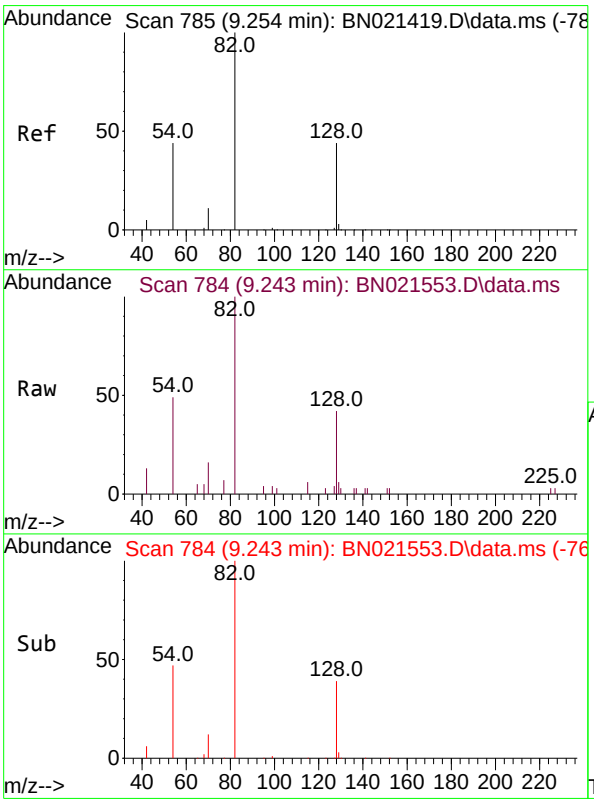
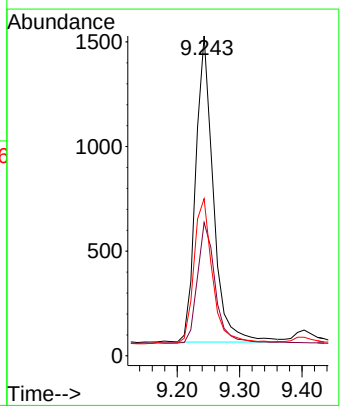
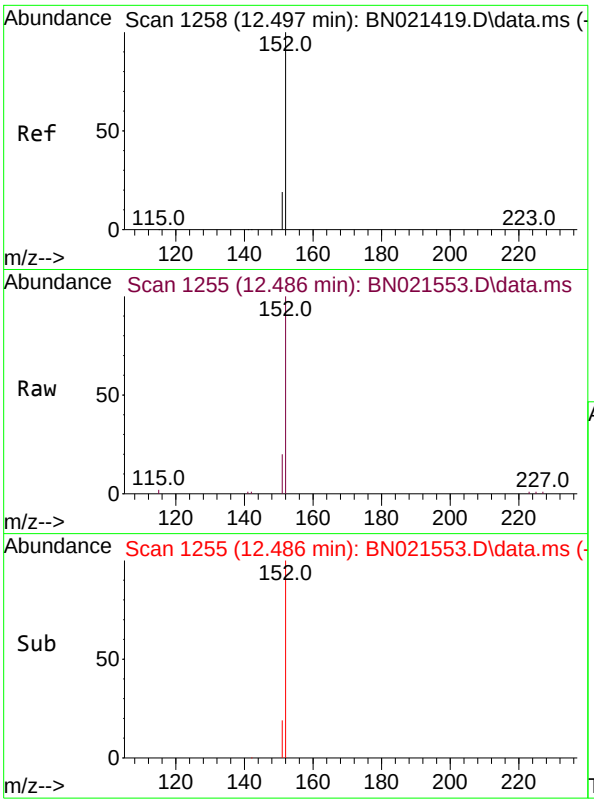


#8
Nitrobenzene-d5
Concen: 0.283 ng m
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion: 82 Resp: 2869

Ion	Ratio	Lower	Upper
82	100		
128	41.7	30.9	46.3
54	49.1	42.7	64.1

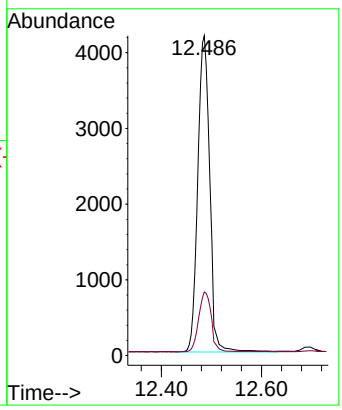




#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:152 Resp: 1143

Ion	Ratio	Lower	Upper
152	100		
151	20.1	14.5	21.7



Instrument :
BNA_N
ClientSampleId :
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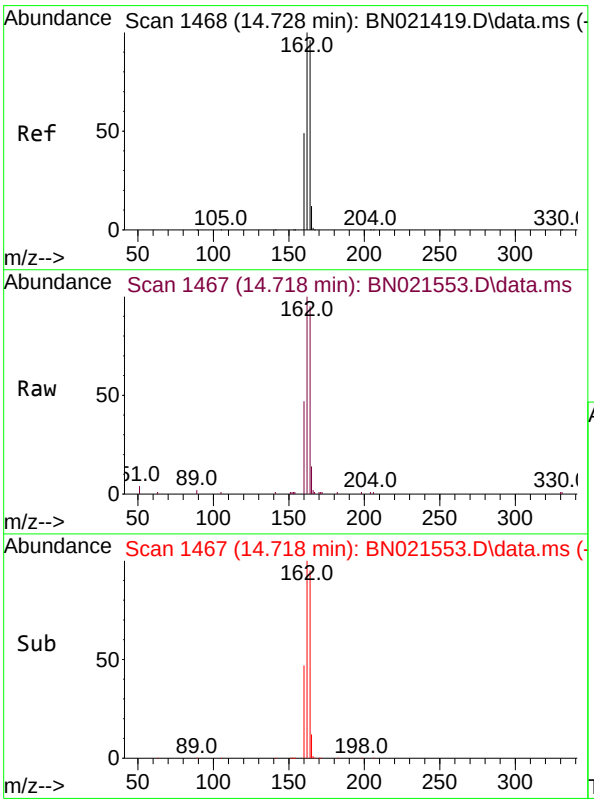
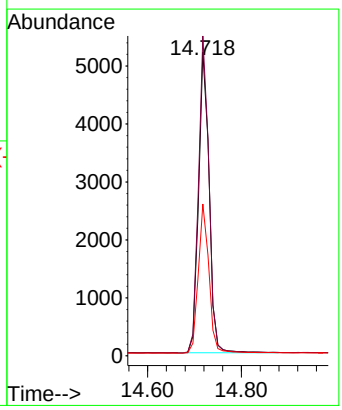
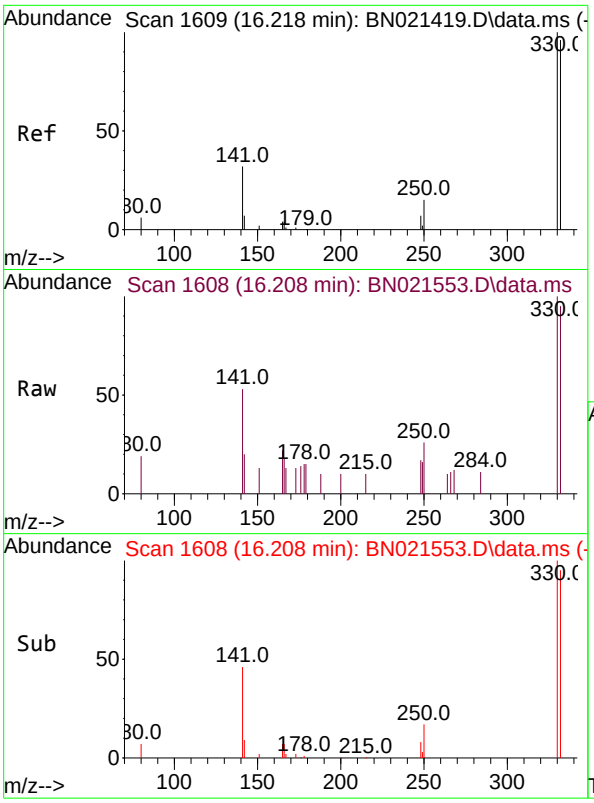


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:164 Resp: 8123

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.2	123.4
160	50.0	39.5	59.3

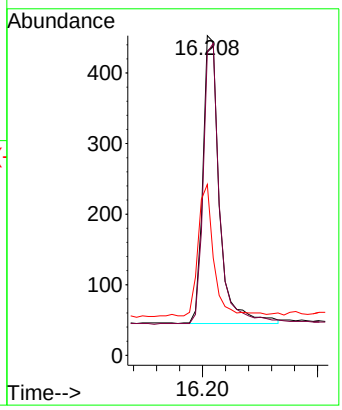




#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 16.208 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:330 Resp: 81

Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.3	118.9
141	43.0	37.1	55.7



Instrument :
BNA_N
ClientSampleId :
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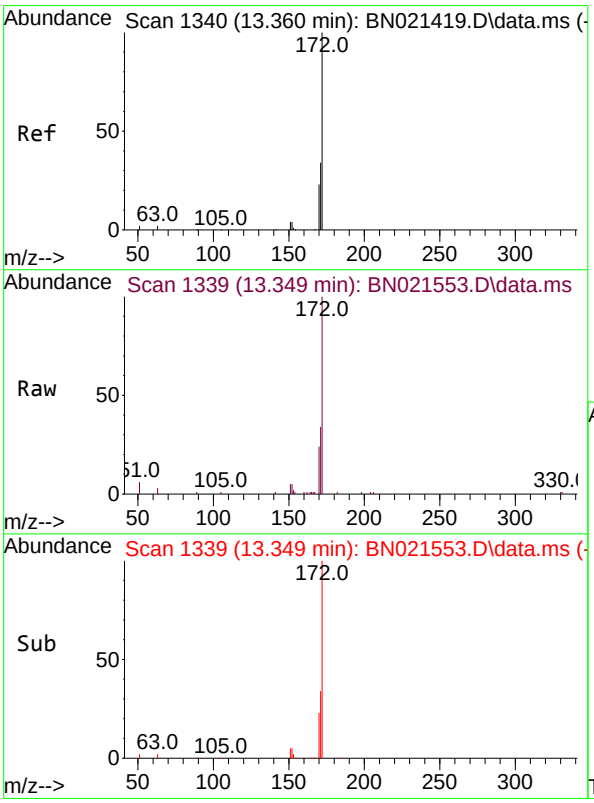
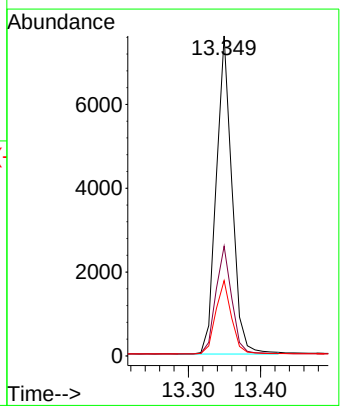
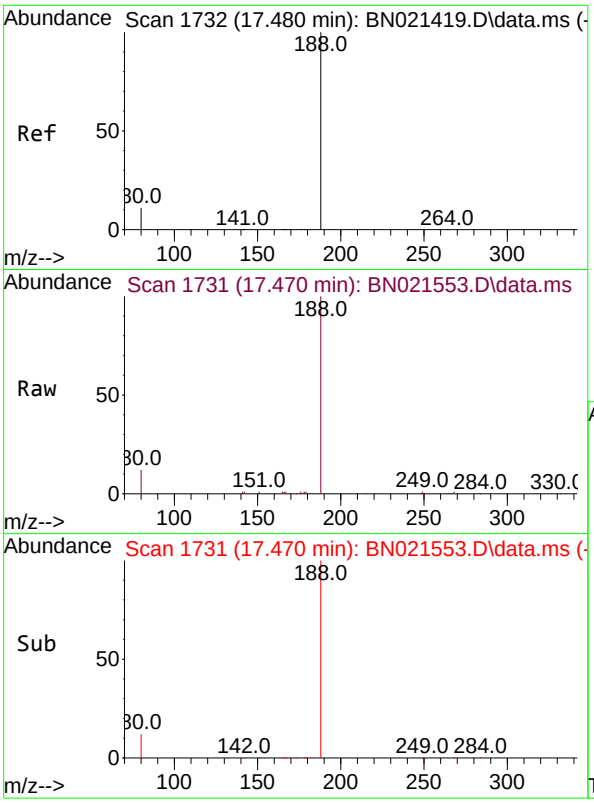


#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:172 Resp: 11530

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	23.5	18.6	28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:188 Resp: 1727

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	9.5	14.3

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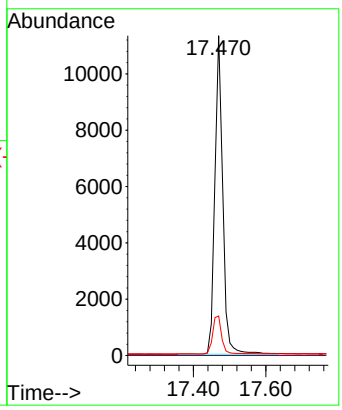
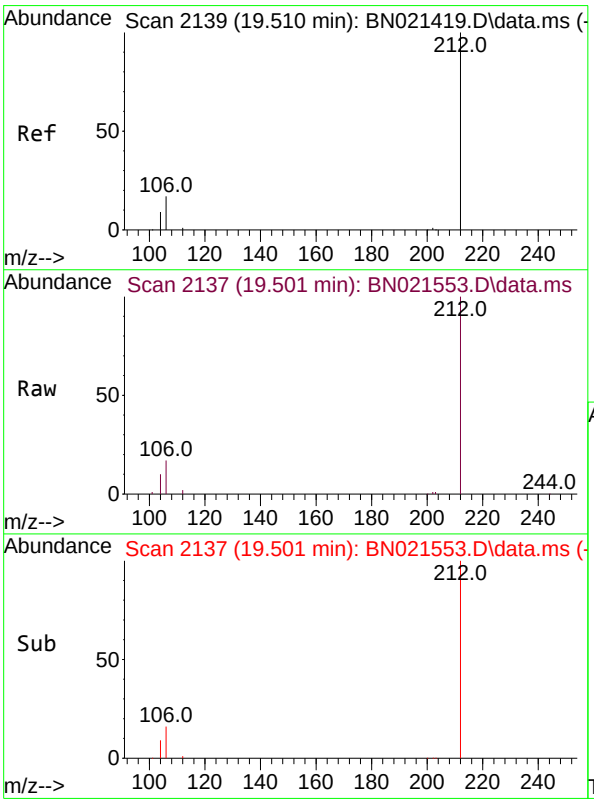
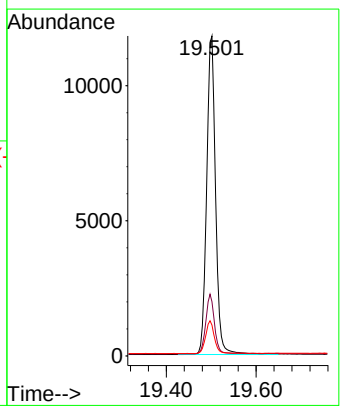


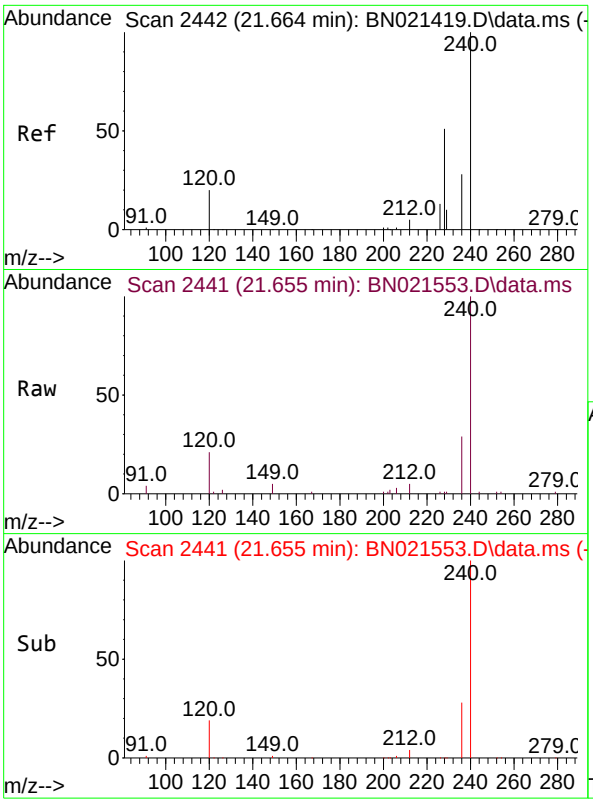


#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:212 Resp: 16308

Ion	Ratio	Lower	Upper
212	100		
106	18.0	14.2	21.2
104	10.0	7.8	11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:240 Resp: 1148

Ion	Ratio	Lower	Upper
240	100		
120	20.8	10.2	15.4#
236	28.6	22.1	33.1

Instrument :
BNA_N
ClientSampleId :
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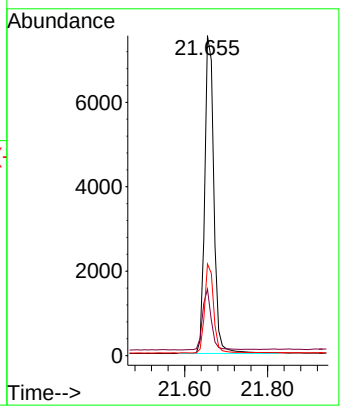
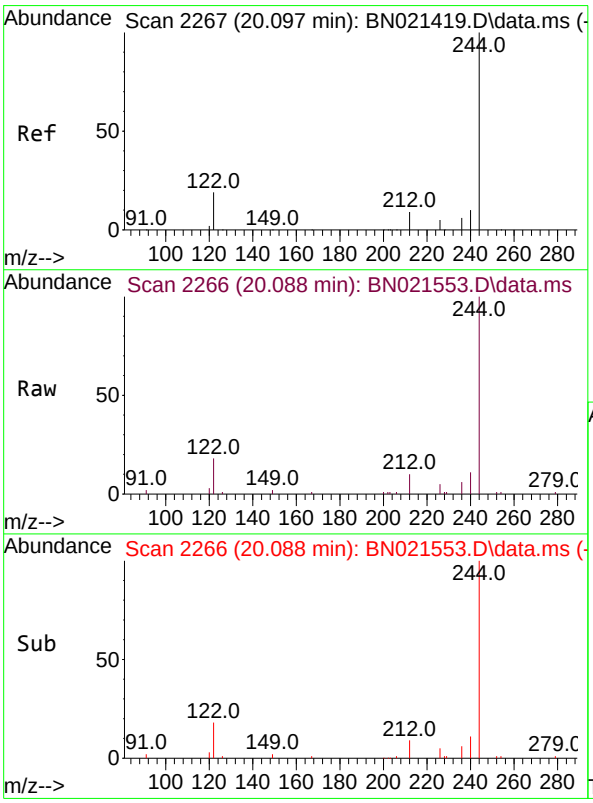
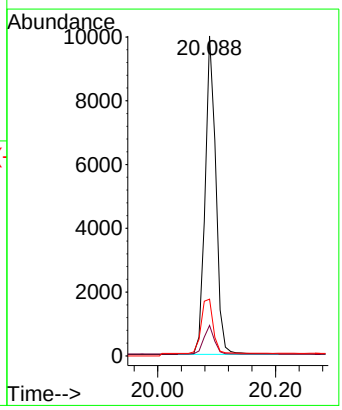


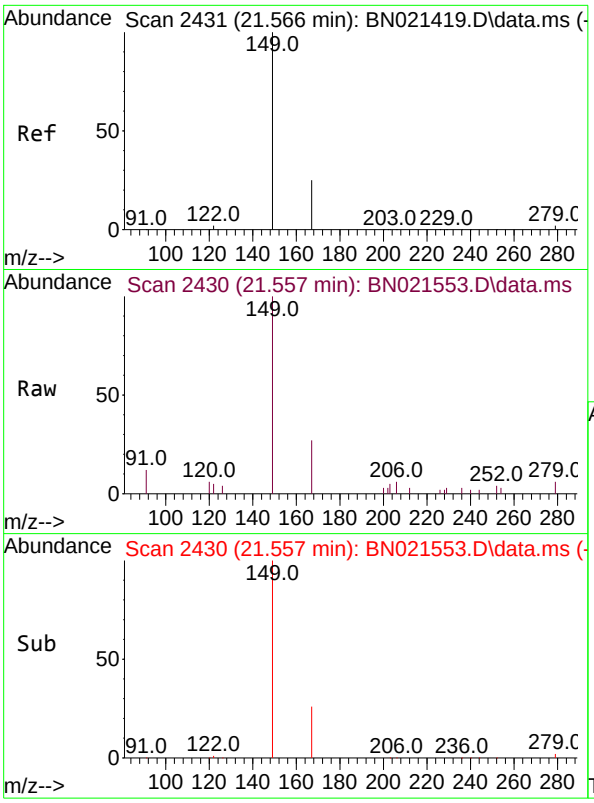


#31
Terphenyl-d14
Concen: 0.486 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:244 Resp: 12555

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.5	9.7
122	17.7	9.1	13.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.156 ng
RT: 21.557 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:149 Resp: 250

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.4	32.0
279	2.8	2.2	3.2

Instrument :
BNA_N
ClientSampleId :
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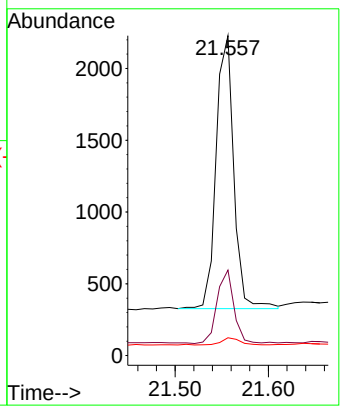

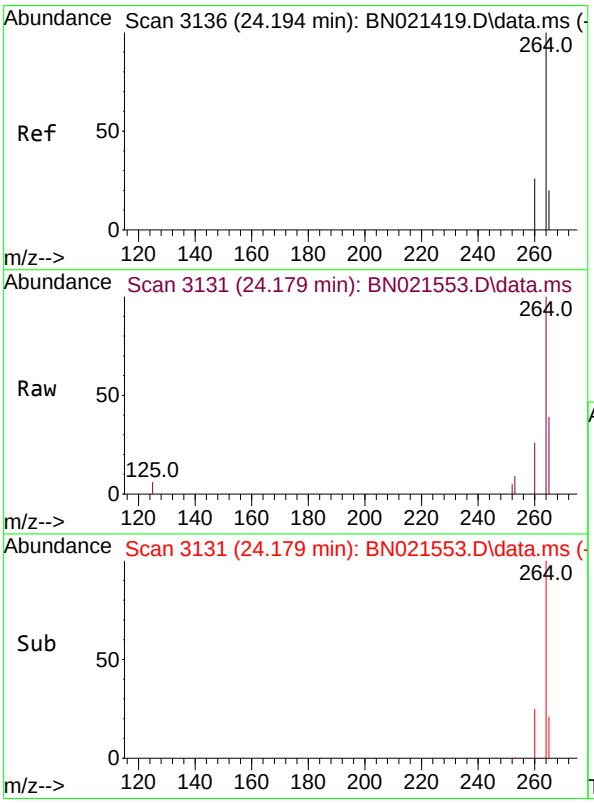

#35
Perylene-d12
Concen: 0.400 ng
RT: 24.179 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BN021553.D
Acq: 02 Sep 2022 09:19

Tgt Ion:264 Resp: 7776

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.0	31.6
265	38.8	32.2	48.2