Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013263.D
Acq On : 22 Dec 2020 09:11
Operator : CG/JU
Sample : PB133673BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB133673BL

Quant Time: Dec 22 10:47:55 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 22 10:46:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	654	0.40	ng	# 0.02
7) Naphthalene-d8	10.150	136	1951	0.40	ng	# 0.05
13) Acenaphthene-d10	14.016	164	1263	0.40	ng	0.03
19) Phenanthrene-d10	16.788	188	2740	0.40	ng	# 0.02
29) Chrysene-d12	21.006	240	2612	0.40	ng	# 0.01
36) Perylene-d12	23.092	264	2948	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	876	0.33	ng	0.00
5) Phenol-d6	6.589	99	568	0.21	ng	0.05
8) Nitrobenzene-d5	8.591	82	502	0.25	ng	0.09
11) 2-Methylnaphthalene-d10	11.755	152	1049	0.30	ng	0.05
14) 2,4,6-Tribromophenol	15.552	330	200	0.25	ng	0.03
15) 2-Fluorobiphenyl	12.646	172	1351	0.26	ng	0.04
27) Fluoranthene-d10	18.826	212	2926	0.32	ng	0.00
31) Terphenyl-d14	19.442	244	2402	0.36	ng	0.00
Target Compounds						Qvalue

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

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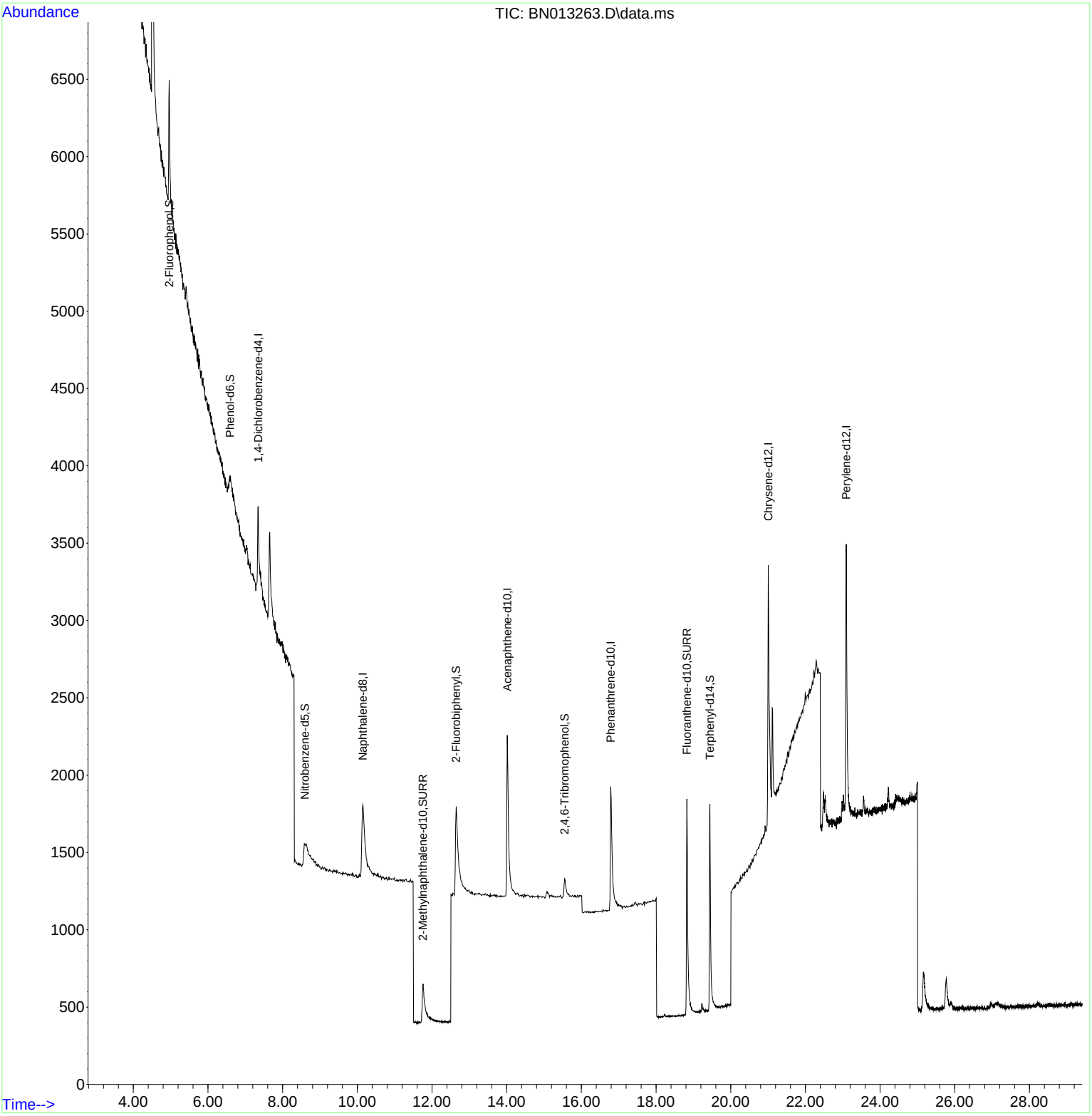

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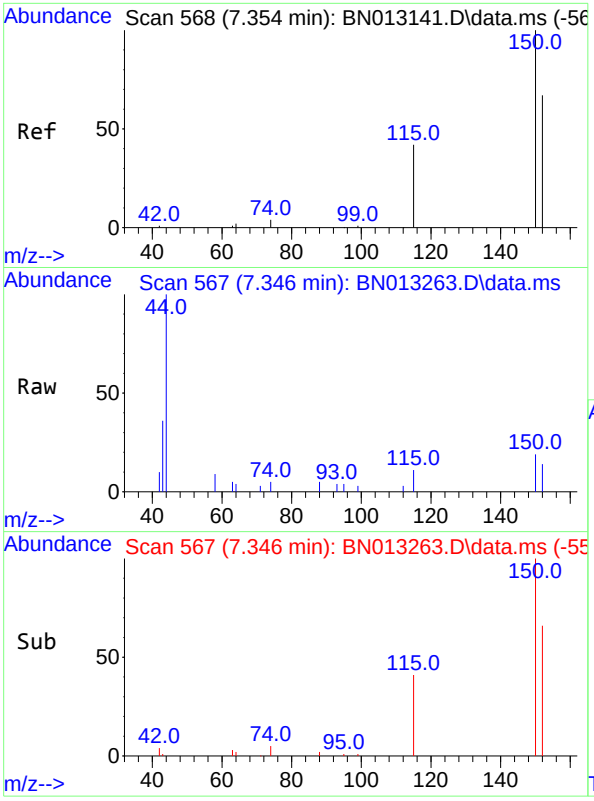
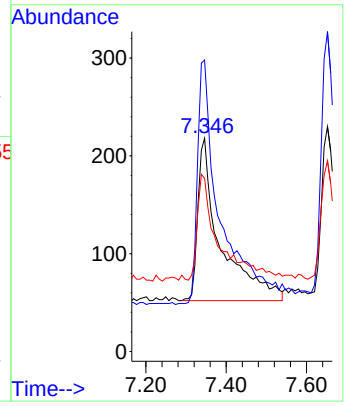
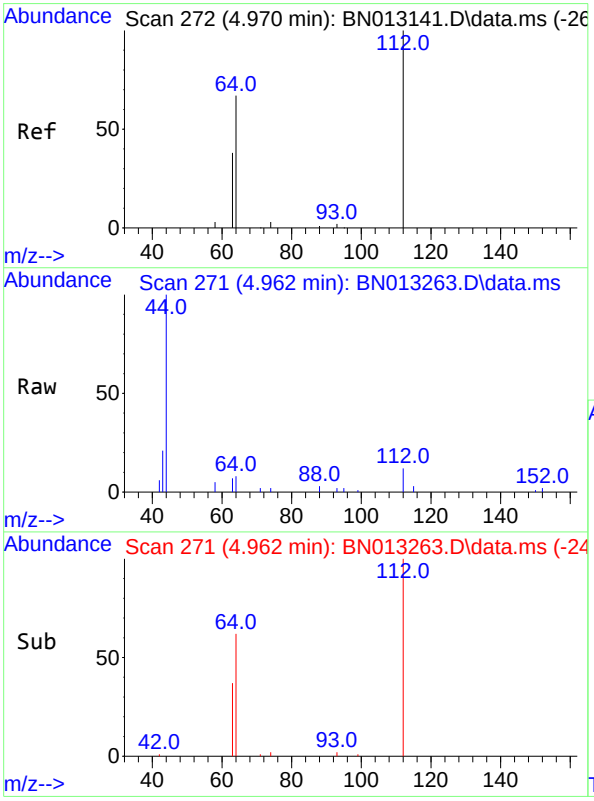


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. 0.016 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:152 Resp: 654

Ion	Ratio	Lower	Upper
152	100		
150	136.7	116.6	174.8
115	81.2	52.9	79.3#

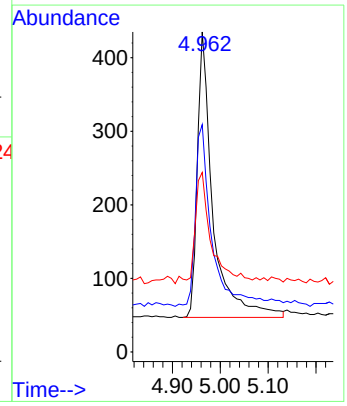




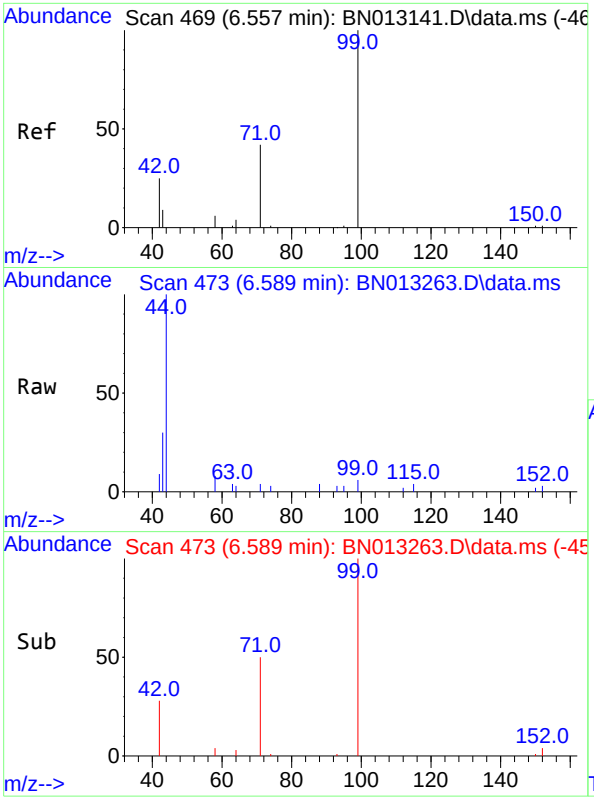
#4
2-Fluorophenol
Concen: 0.33 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:112 Resp: 876

Ion	Ratio	Lower	Upper
112	100		
64	66.8	49.5	74.3
63	40.9	32.0	48.0



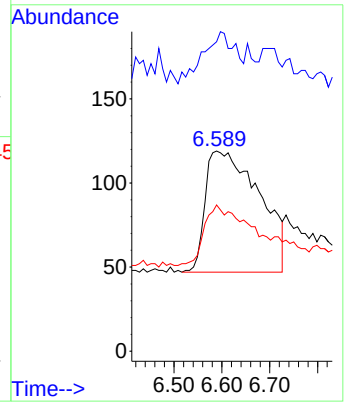
Instrument :
BNA_N
ClientSampleId :
PB133673BL

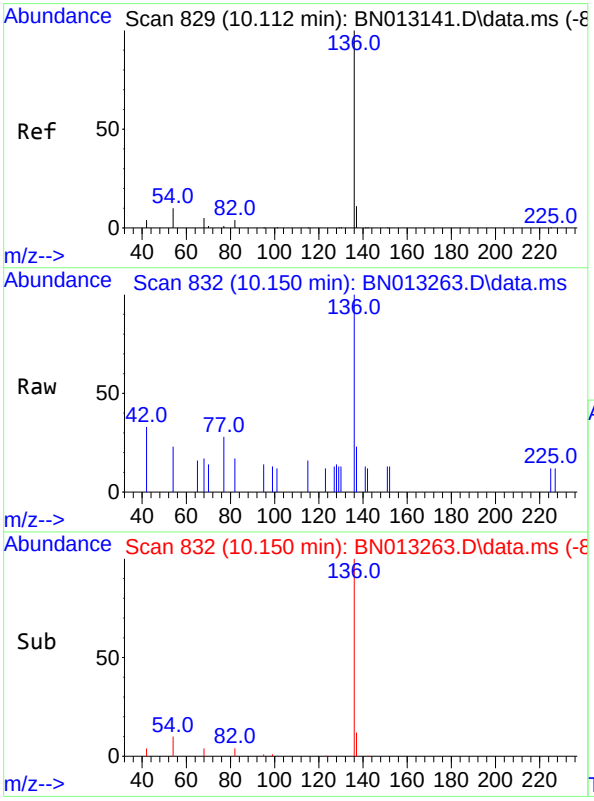


#5
Phenol-d6
Concen: 0.21 ng
RT: 6.589 min Scan# 473
Delta R.T. 0.048 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion: 99 Resp: 568

Ion	Ratio	Lower	Upper
99	100		
42	25.4	22.4	33.6
71	42.3	37.8	56.6

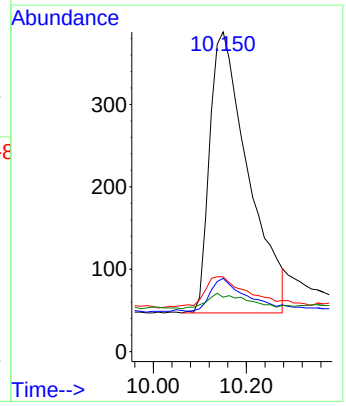




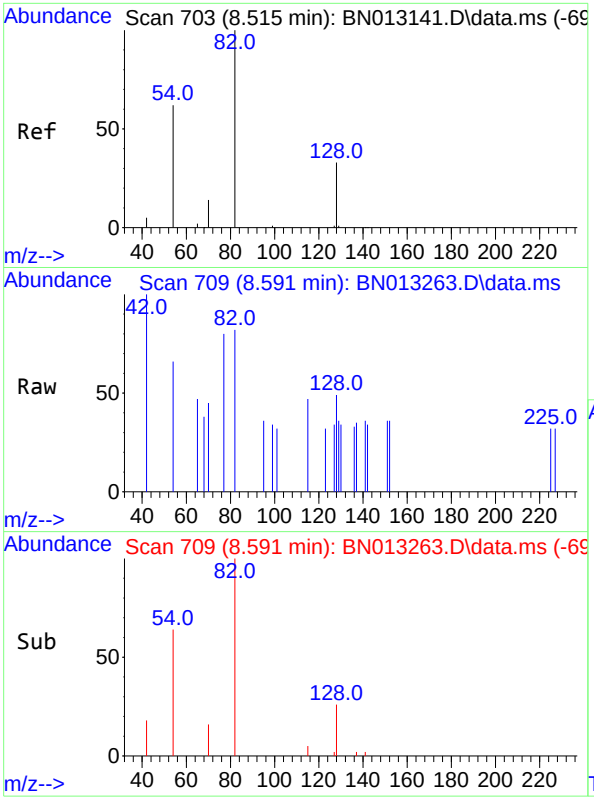
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.150 min Scan# 832
Delta R.T. 0.051 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:136 Resp: 1951

Ion	Ratio	Lower	Upper
136	100		
137	22.9	10.6	15.8#
54	23.5	8.6	12.8#
68	17.0	5.7	8.5#



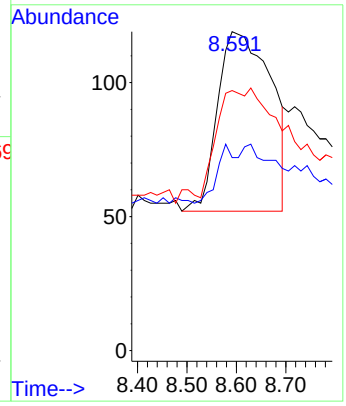
Instrument :
BNA_N
ClientSampleId :
PB133673BL

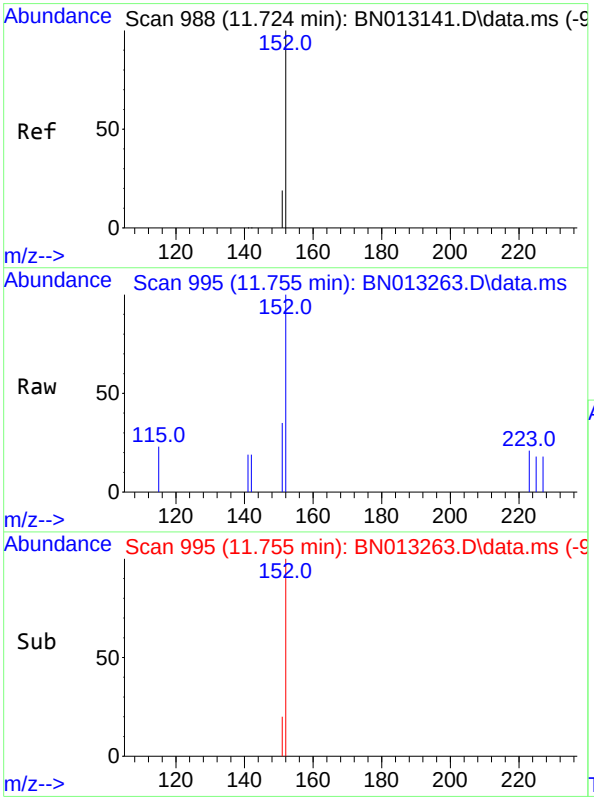


#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.089 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion: 82 Resp: 502

Ion	Ratio	Lower	Upper
82	100		
128	60.5	30.6	46.0#
54	81.5	48.3	72.5#

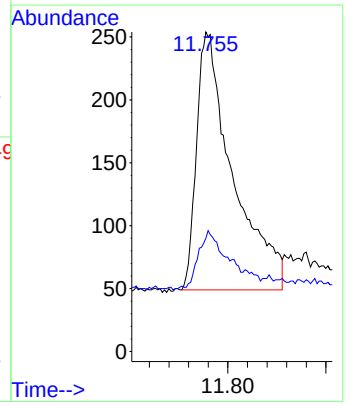




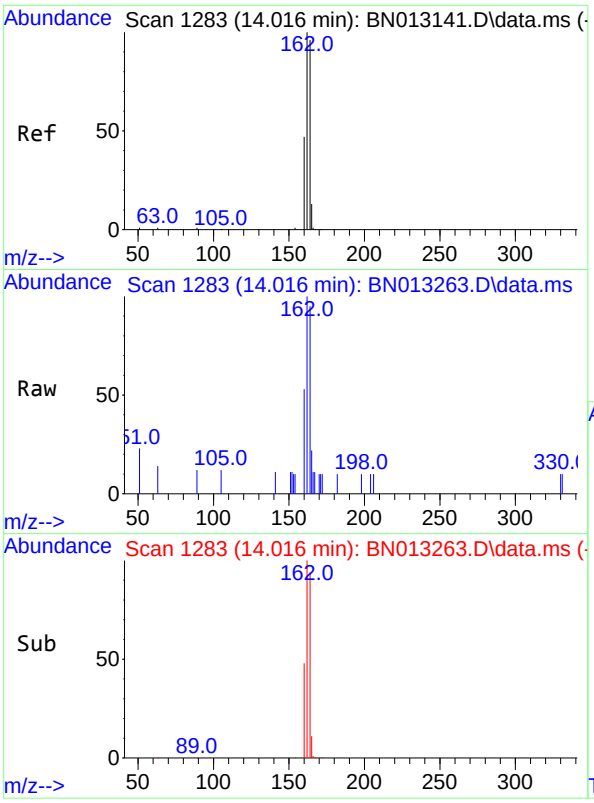
#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 11.755 min Scan# 995
Delta R.T. 0.049 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:152 Resp: 1049

Ion	Ratio	Lower	Upper
152	100		
151	18.0	16.7	25.1



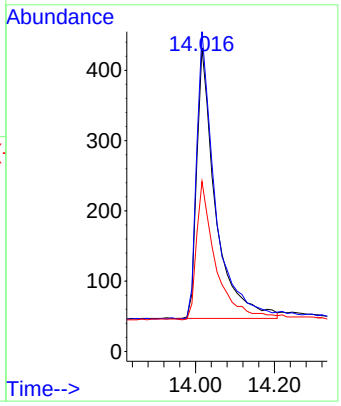
Instrument :
BNA_N
ClientSampleId :
PB133673BL

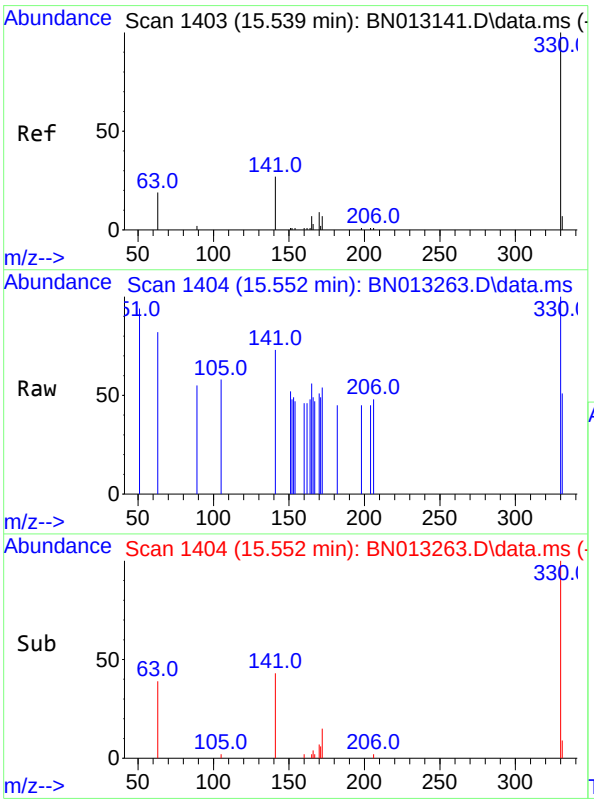


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.025 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:164 Resp: 1263

Ion	Ratio	Lower	Upper
164	100		
162	105.3	80.6	120.8
160	56.0	39.5	59.3

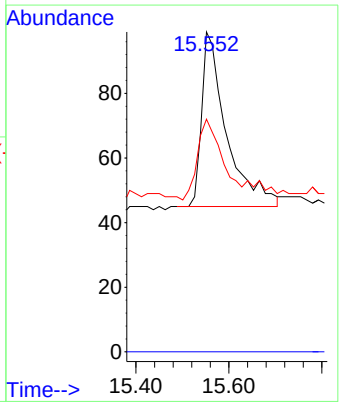




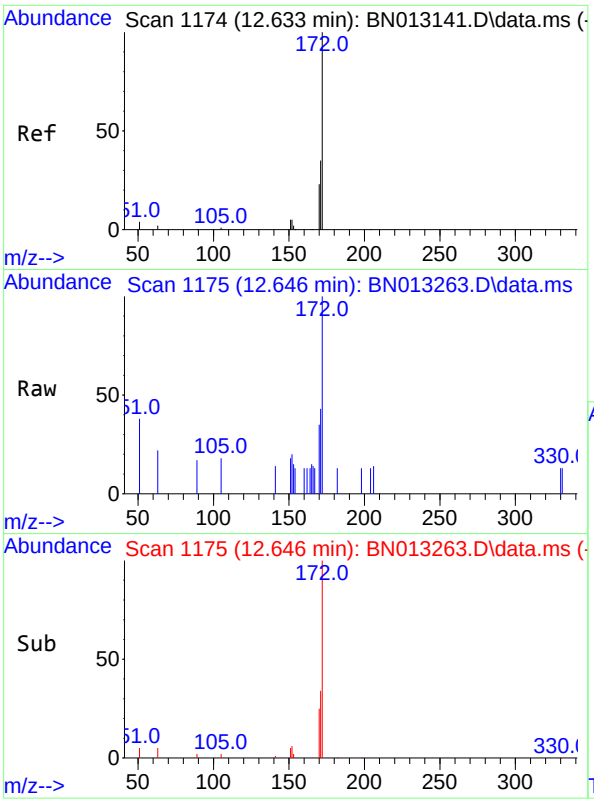
#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.025 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:330 Resp: 200

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.5	34.4	51.6



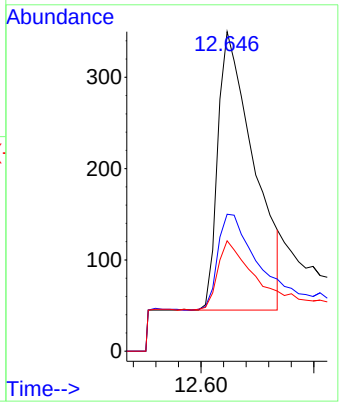
Instrument :
BNA_N
ClientSampleId :
PB133673BL

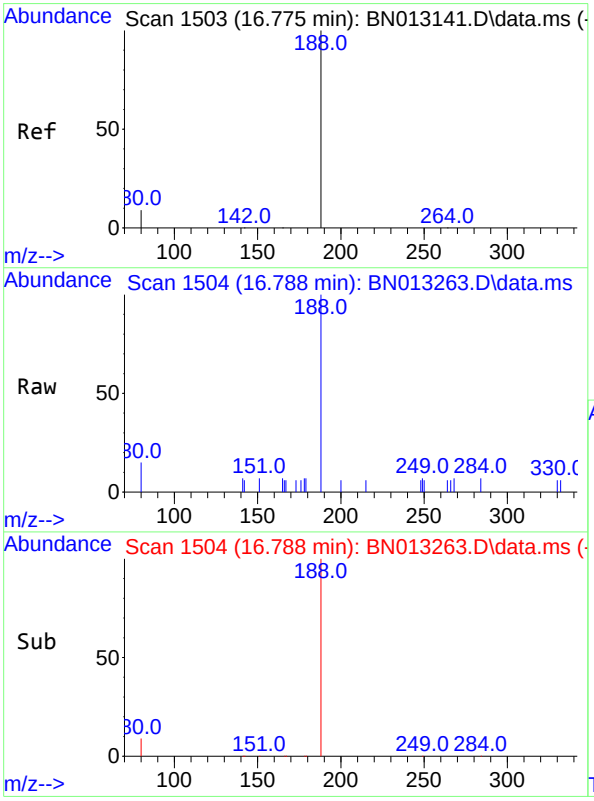


#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.038 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:172 Resp: 1351

Ion	Ratio	Lower	Upper
172	100		
171	42.9	28.2	42.4#
170	34.6	20.0	30.0#

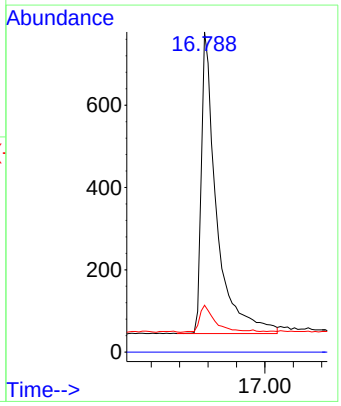




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.024 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:188 Resp: 2740

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	5.0	7.4#



Instrument :
BNA_N
ClientSampleId :
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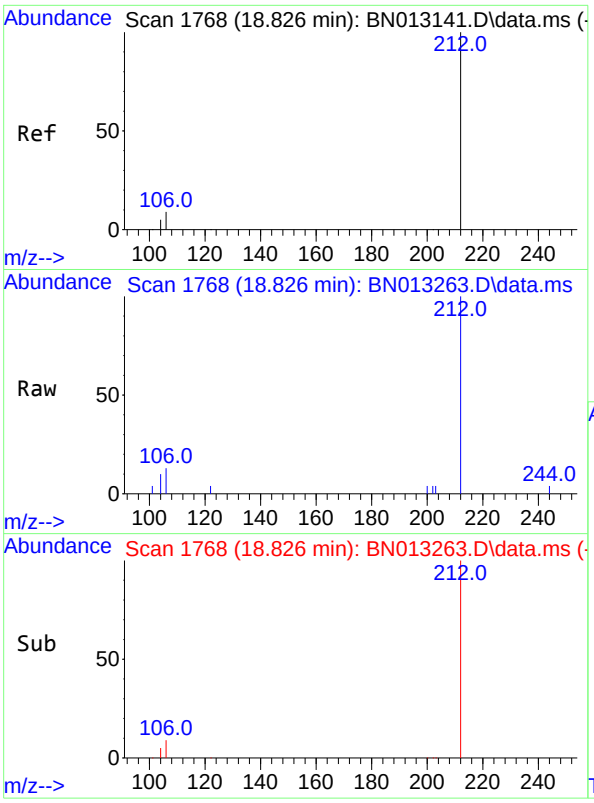
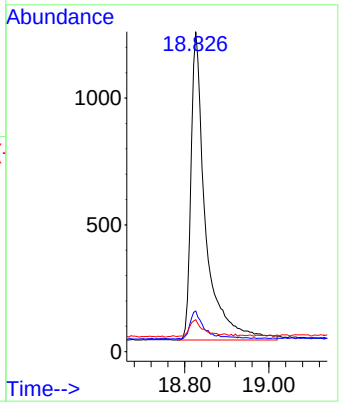
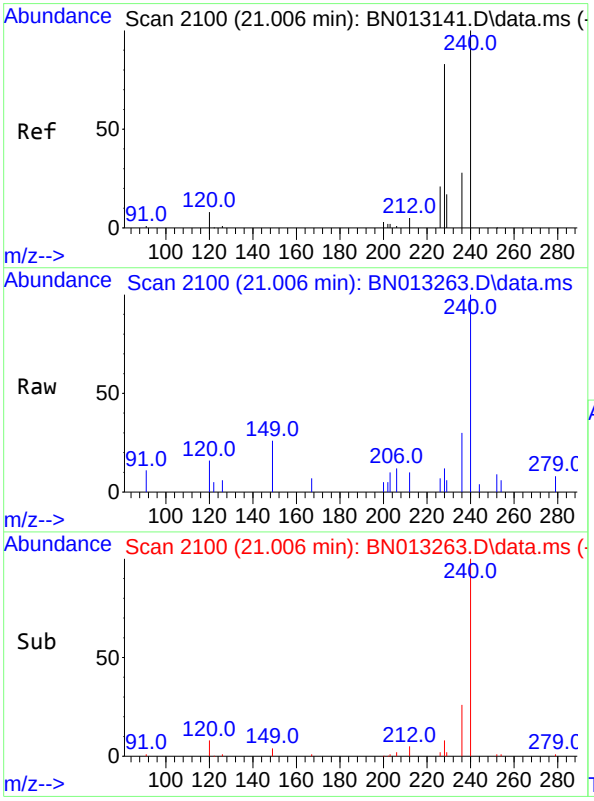


#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.826 min Scan# 1768
Delta R.T. 0.010 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:212 Resp: 2926

Ion	Ratio	Lower	Upper
212	100		
106	9.2	6.8	10.2
104	5.0	4.1	6.1

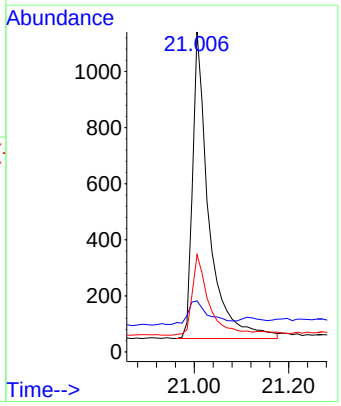




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.006 min Scan# 2100
Delta R.T. 0.011 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:240 Resp: 2612

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.3	7.9#
236	30.4	21.8	32.8



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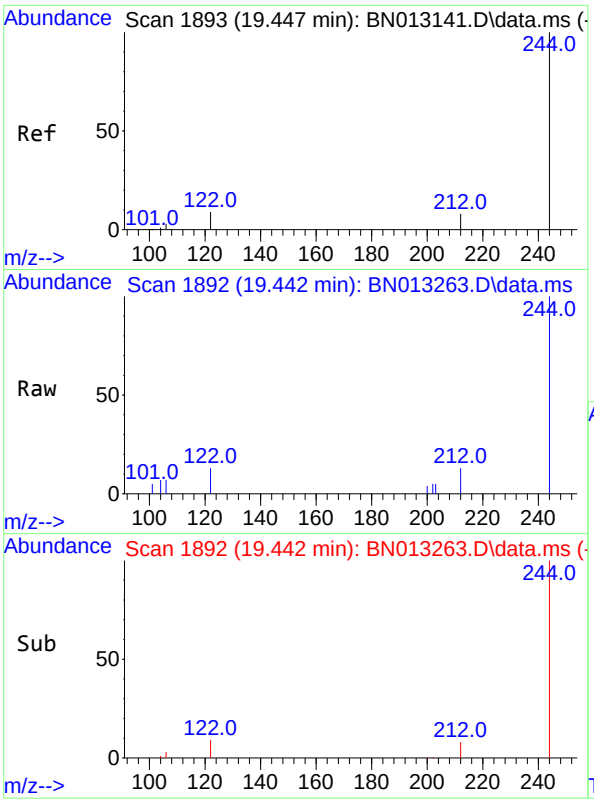
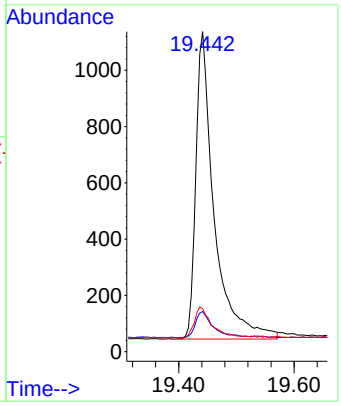
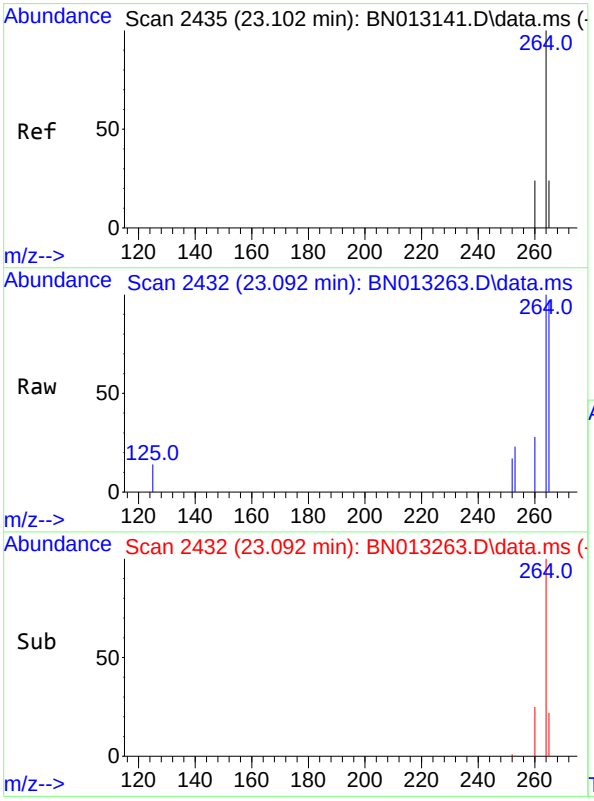


#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.442 min Scan# 1892
Delta R.T. 0.010 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:244 Resp: 2402

Ion	Ratio	Lower	Upper
244	100		
212	12.6	7.3	10.9#
122	13.5	7.3	10.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.092 min Scan# 2432
Delta R.T. 0.007 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:264 Resp: 2948

Ion	Ratio	Lower	Upper
264	100		
260	28.2	19.8	29.6
265	96.6	51.4	77.0#