Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013309.D
Acq On : 24 Dec 2020 02:28
Operator : CG/JU
Sample : PB133574BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB133574BL

Quant Time: Dec 24 04:07:19 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	7.338	152	543	0.40	ng	# 0.00
7) Naphthalene-d8	10.137	136	1514	0.40	ng	# 0.04
13) Acenaphthene-d10	14.016	164	995	0.40	ng	# 0.03
19) Phenanthrene-d10	16.787	188	2120	0.40	ng	# 0.02
29) Chrysene-d12	21.003	240	1872	0.40	ng	# 0.00
36) Perylene-d12	23.086	264	2122	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	944	0.42	ng	0.00
5) Phenol-d6	6.605	99	552	0.24	ng	0.06
8) Nitrobenzene-d5	8.591	82	468	0.30	ng	0.09
11) 2-Methylnaphthalene-d10	11.751	152	1007	0.38	ng	0.04
14) 2,4,6-Tribromophenol	15.552	330	198	0.32	ng	0.03
15) 2-Fluorobiphenyl	12.646	172	1387	0.33	ng	0.04
27) Fluoranthene-d10	18.818	212	2661	0.38	ng	0.00
31) Terphenyl-d14	19.429	244	2220	0.47	ng	0.00
Target Compounds						Qvalue

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

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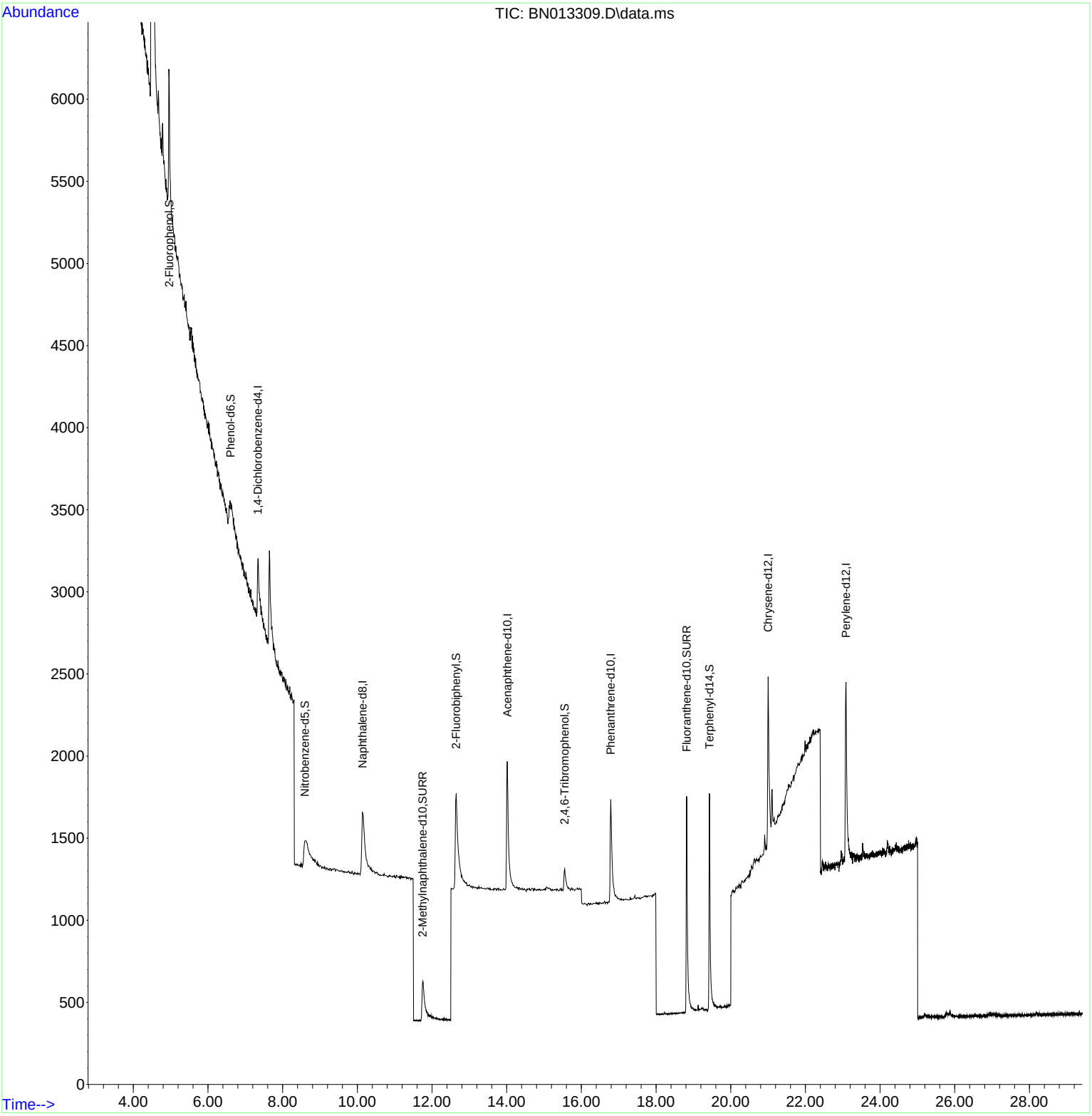
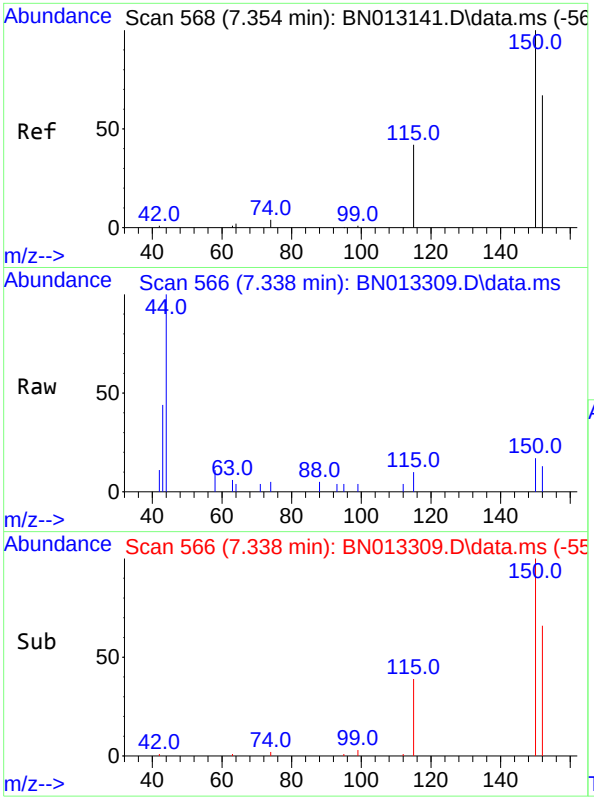
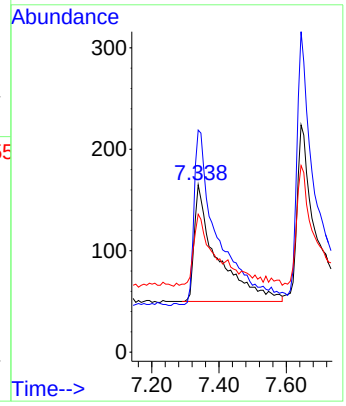




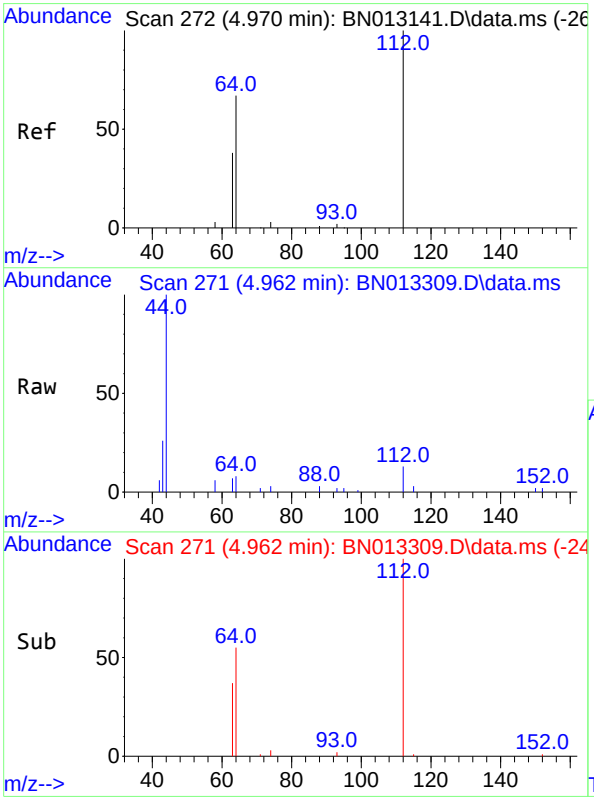
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion:152 Resp: 543

Ion	Ratio	Lower	Upper
152	100		
150	132.7	116.6	174.8
115	82.4	52.9	79.3#



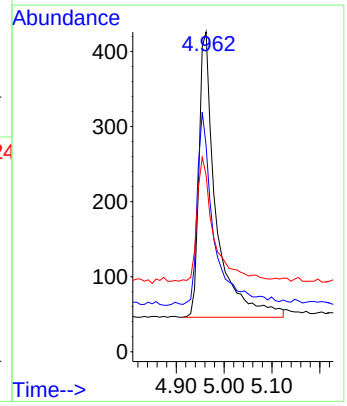
Instrument :
BNA_N
ClientSampleId :
PB133574BL



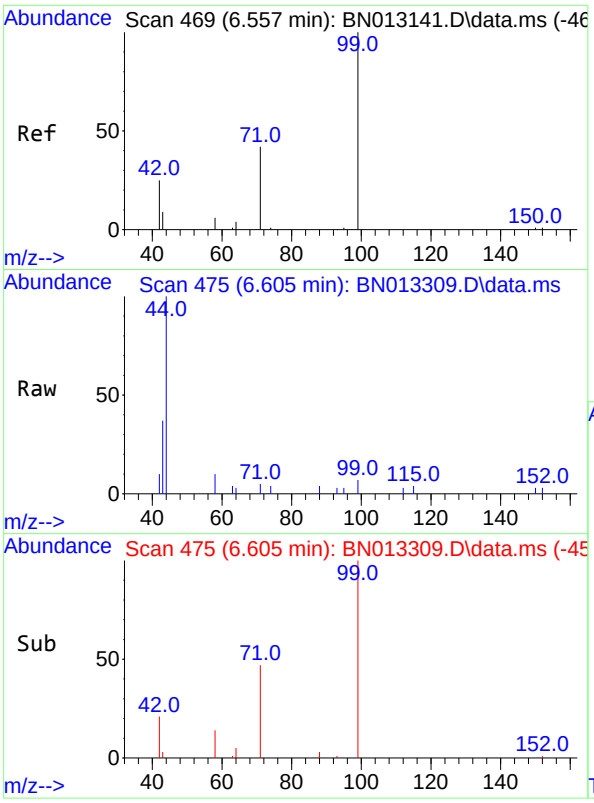
#4
2-Fluorophenol
Concen: 0.42 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion:112 Resp: 944

Ion	Ratio	Lower	Upper
112	100		
64	65.5	49.5	74.3
63	43.2	32.0	48.0



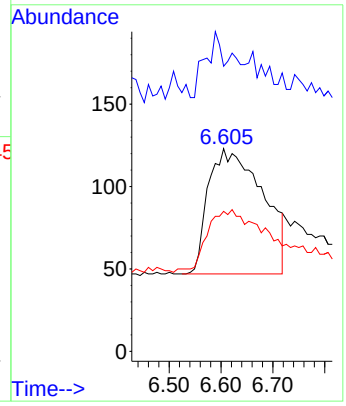
Instrument :
BNA_N
ClientSampleId :
PB133574BL

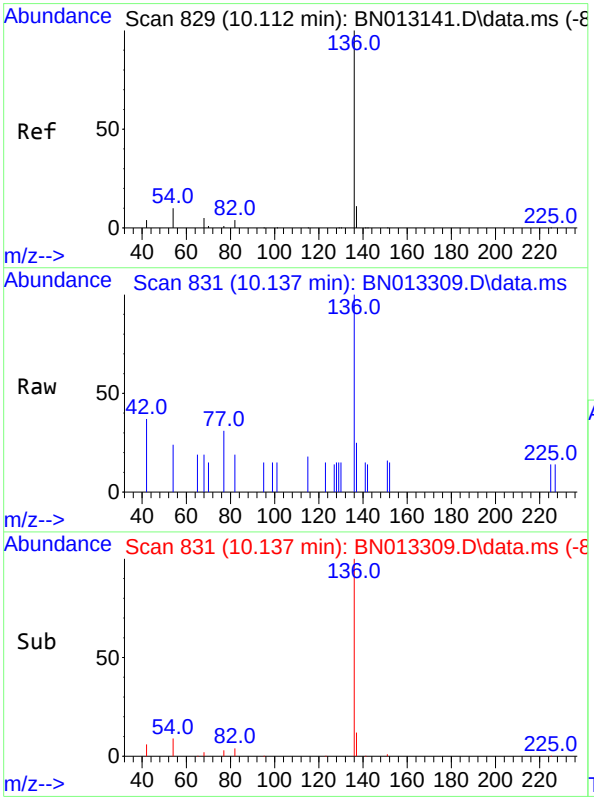


#5
Phenol-d6
Concen: 0.24 ng
RT: 6.605 min Scan# 475
Delta R.T. 0.065 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion: 99 Resp: 552

Ion	Ratio	Lower	Upper
99	100		
42	17.8	22.4	33.6#
71	0.0	37.8	56.6#

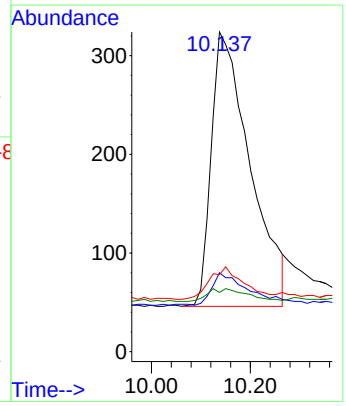




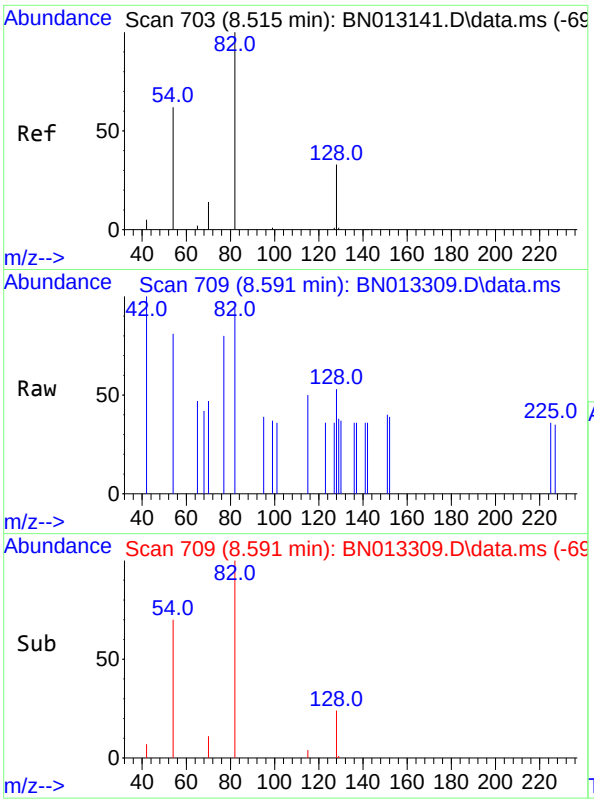
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.038 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion:136 Resp: 1514

Ion	Ratio	Lower	Upper
136	100		
137	24.7	10.6	15.8#
54	24.1	8.6	12.8#
68	18.5	5.7	8.5#



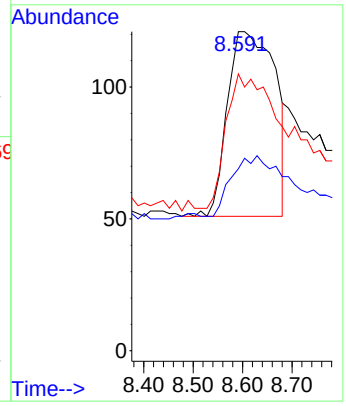
Instrument :
BNA_N
ClientSampleId :
PB133574BL

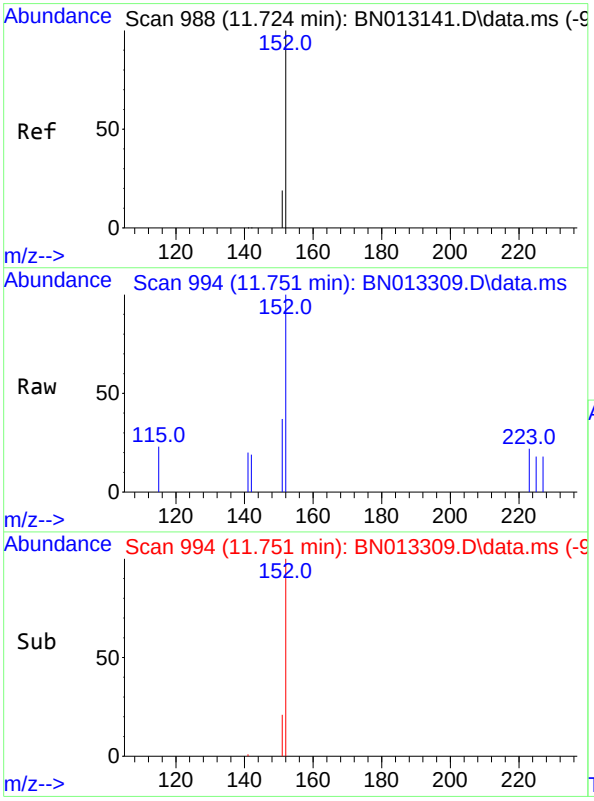


#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.089 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion: 82 Resp: 468

Ion	Ratio	Lower	Upper
82	100		
128	57.0	30.6	46.0#
54	86.8	48.3	72.5#

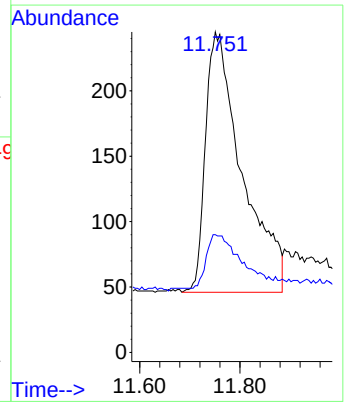




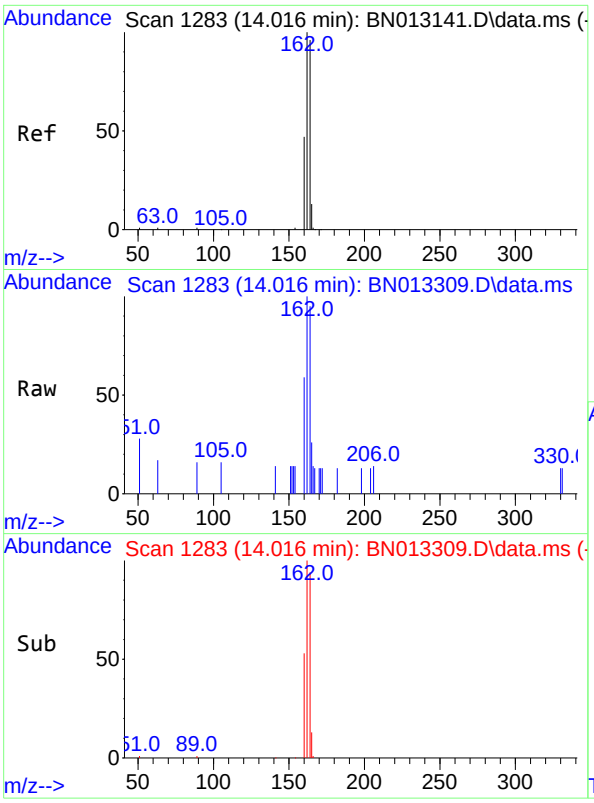
#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 11.751 min Scan# 994
Delta R.T. 0.045 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion:152 Resp: 1007

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.7	25.1



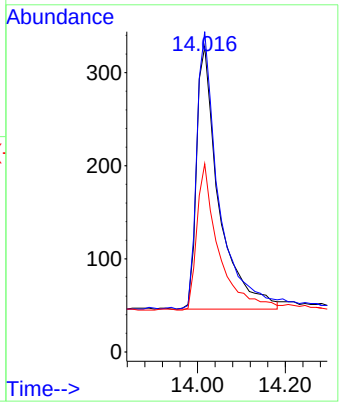
Instrument :
BNA_N
ClientSampleId :
PB133574BL

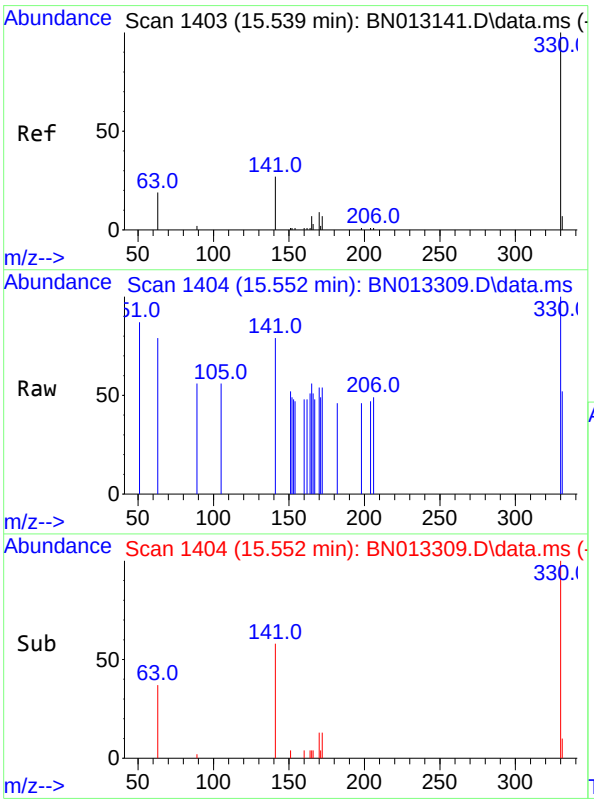


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.025 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion:164 Resp: 995

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.6	120.8
160	61.6	39.5	59.3#

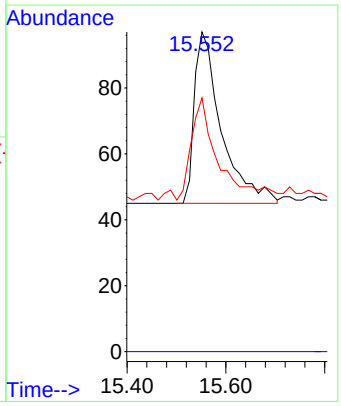




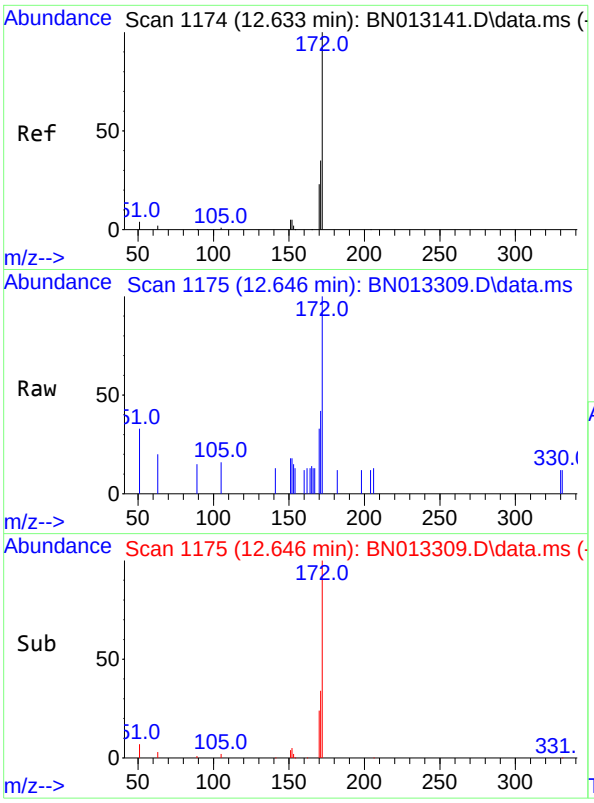
#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.025 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion:330 Resp: 198

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.5	34.4	51.6



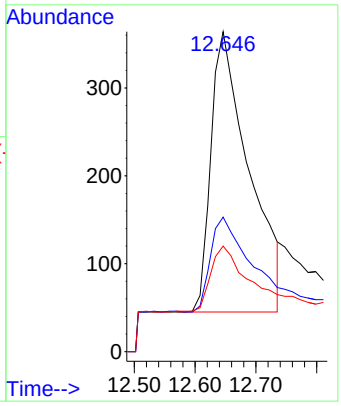
Instrument :
BNA_N
ClientSampleId :
PB133574BL

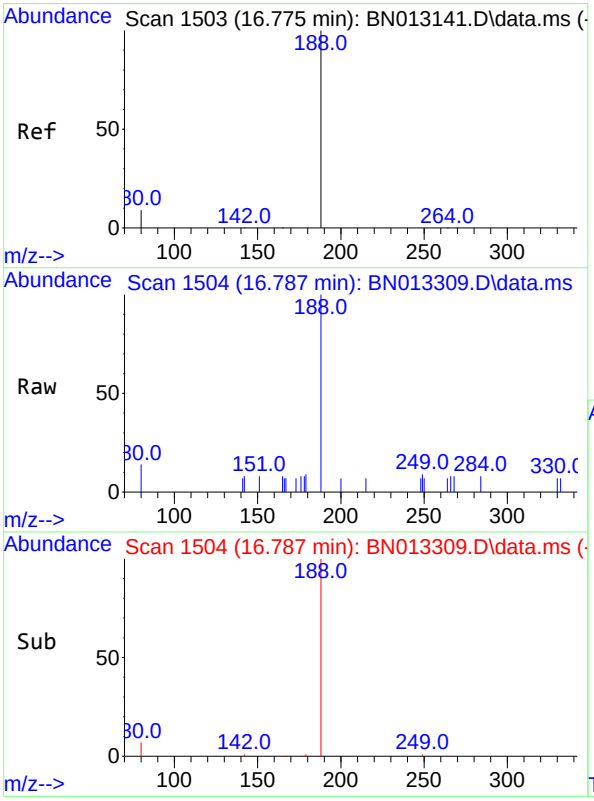


#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.038 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion:172 Resp: 1387

Ion	Ratio	Lower	Upper
172	100		
171	42.0	28.2	42.4
170	33.0	20.0	30.0#

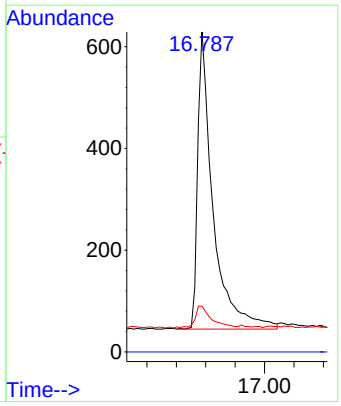




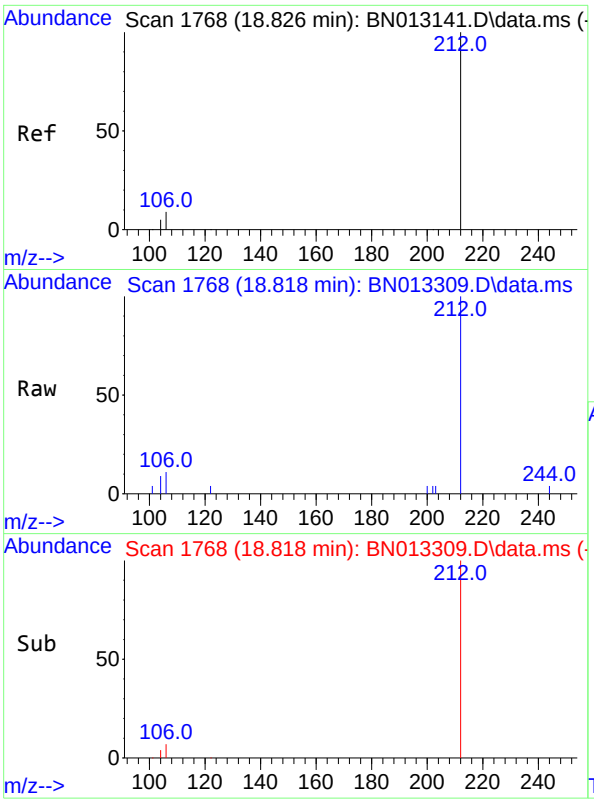
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.024 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion:188 Resp: 2120

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.3	5.0	7.4#



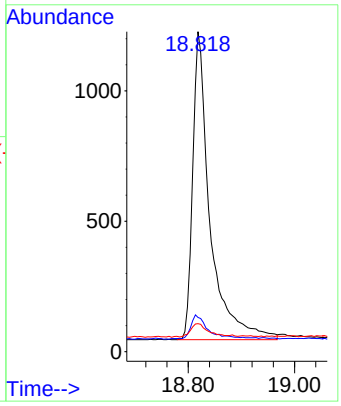
Instrument :
BNA_N
ClientSampleId :
PB133574BL

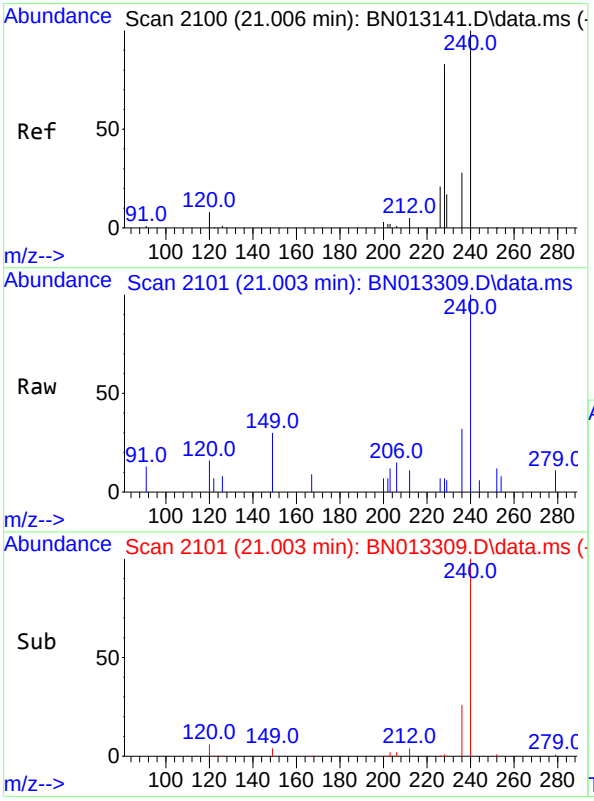


#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 18.818 min Scan# 1768
Delta R.T. 0.002 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion:212 Resp: 2661

Ion	Ratio	Lower	Upper
212	100		
106	8.0	6.8	10.2
104	4.7	4.1	6.1

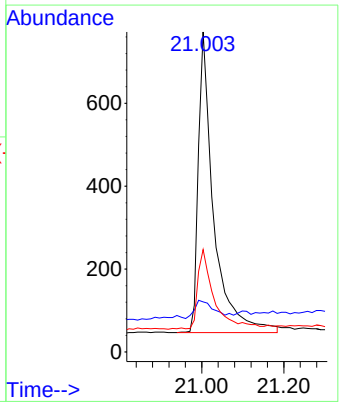




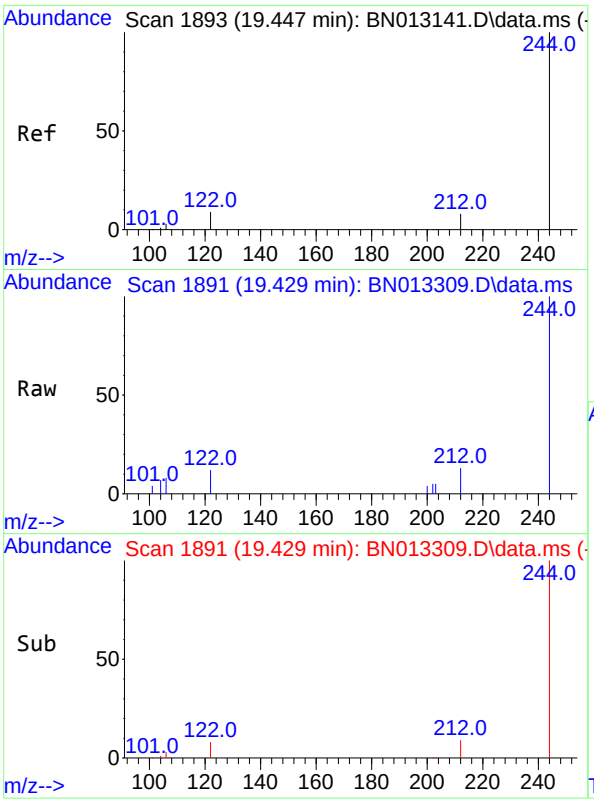
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. 0.008 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion:240 Resp: 1872

Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.3	7.9#
236	32.0	21.8	32.8



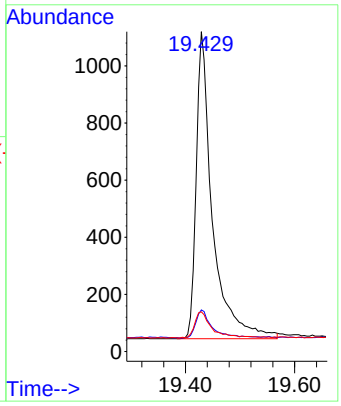
Instrument :
BNA_N
ClientSampleId :
PB133574BL

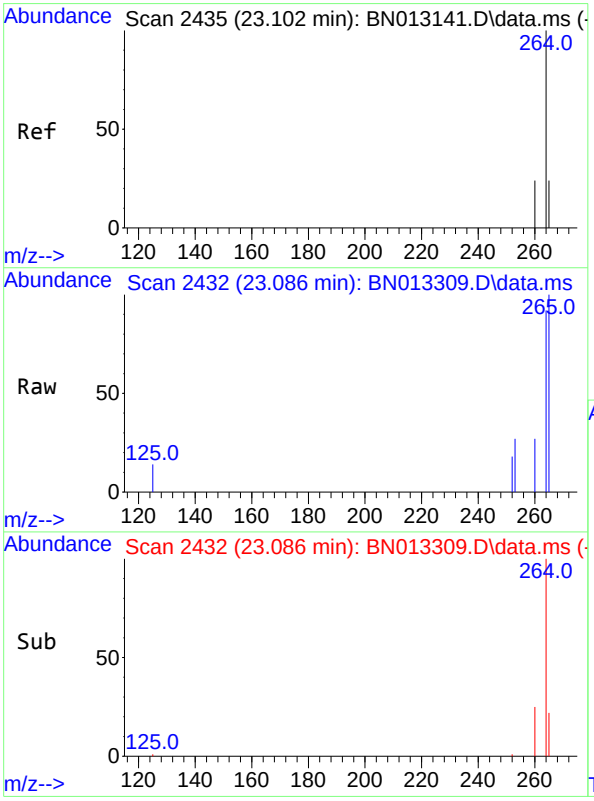


#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion:244 Resp: 2220

Ion	Ratio	Lower	Upper
244	100		
212	13.0	7.3	10.9#
122	12.4	7.3	10.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.086 min Scan# 2432
Delta R.T. 0.001 min
Lab File: BN013309.D
Acq: 24 Dec 2020 02:28

Tgt Ion:264 Resp: 2122

Ion	Ratio	Lower	Upper
264	100		
260	29.0	19.8	29.6
265	109.0	51.4	77.0#