Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
Data File : BM047169.D
Acq On : 13 Aug 2024 10:09
Operator : RC/JU
Sample : PB162553BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162553BL

Quant Time: Aug 13 10:52:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	266916	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	1056409	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	676276	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1387815	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1122401	20.000	ng	0.00
86) Perylene-d12	23.721	264	1330346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1625854	108.841	ng	0.00
7) Phenol-d6	6.581	99	2136786	103.813	ng	0.00
23) Nitrobenzene-d5	8.516	82	1404872	66.963	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	719760	91.788	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	2720643	62.056	ng	0.00
79) Terphenyl-d14	19.456	244	3972397	75.837	ng	0.00
Target Compounds						Qvalue

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

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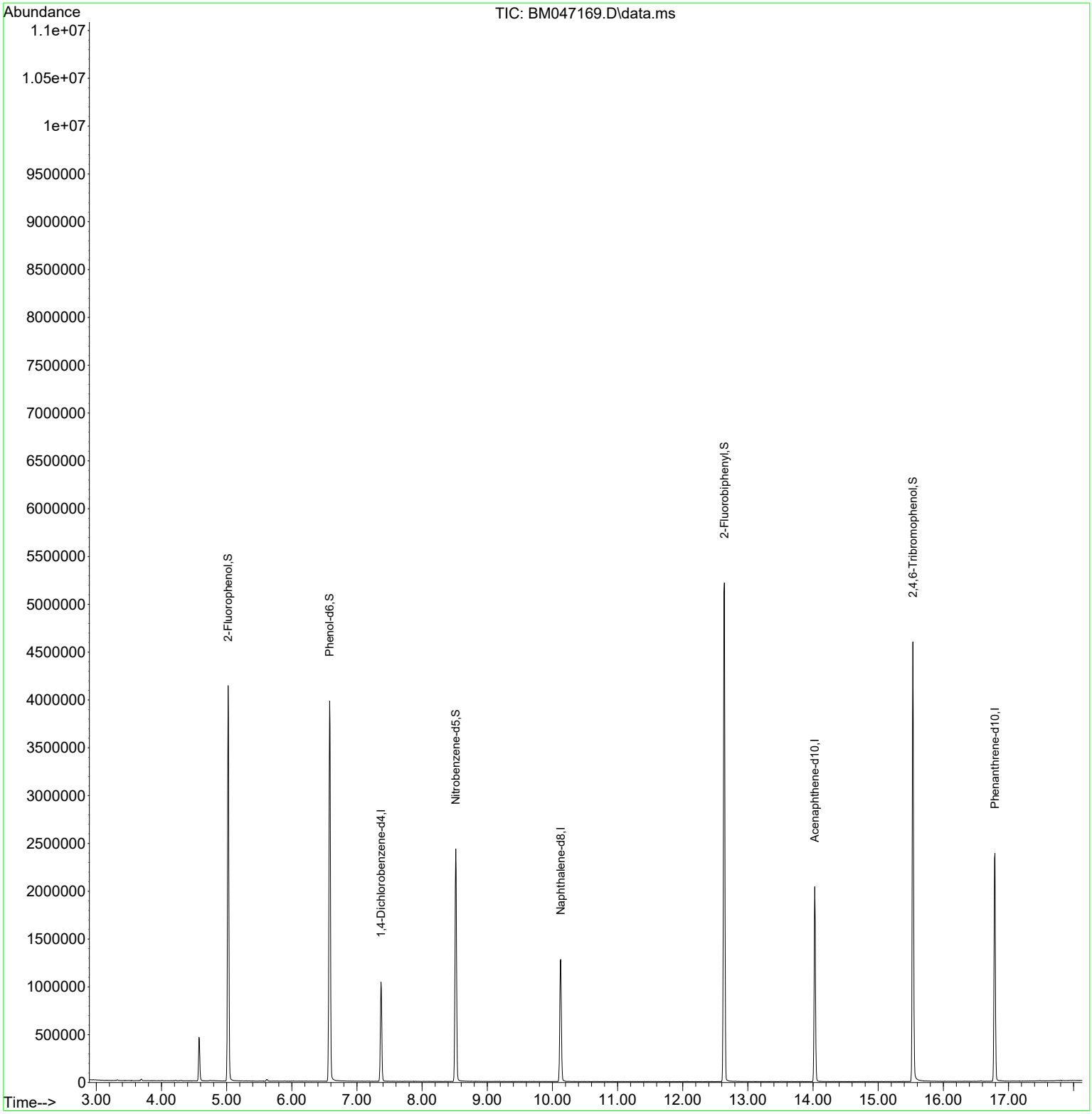

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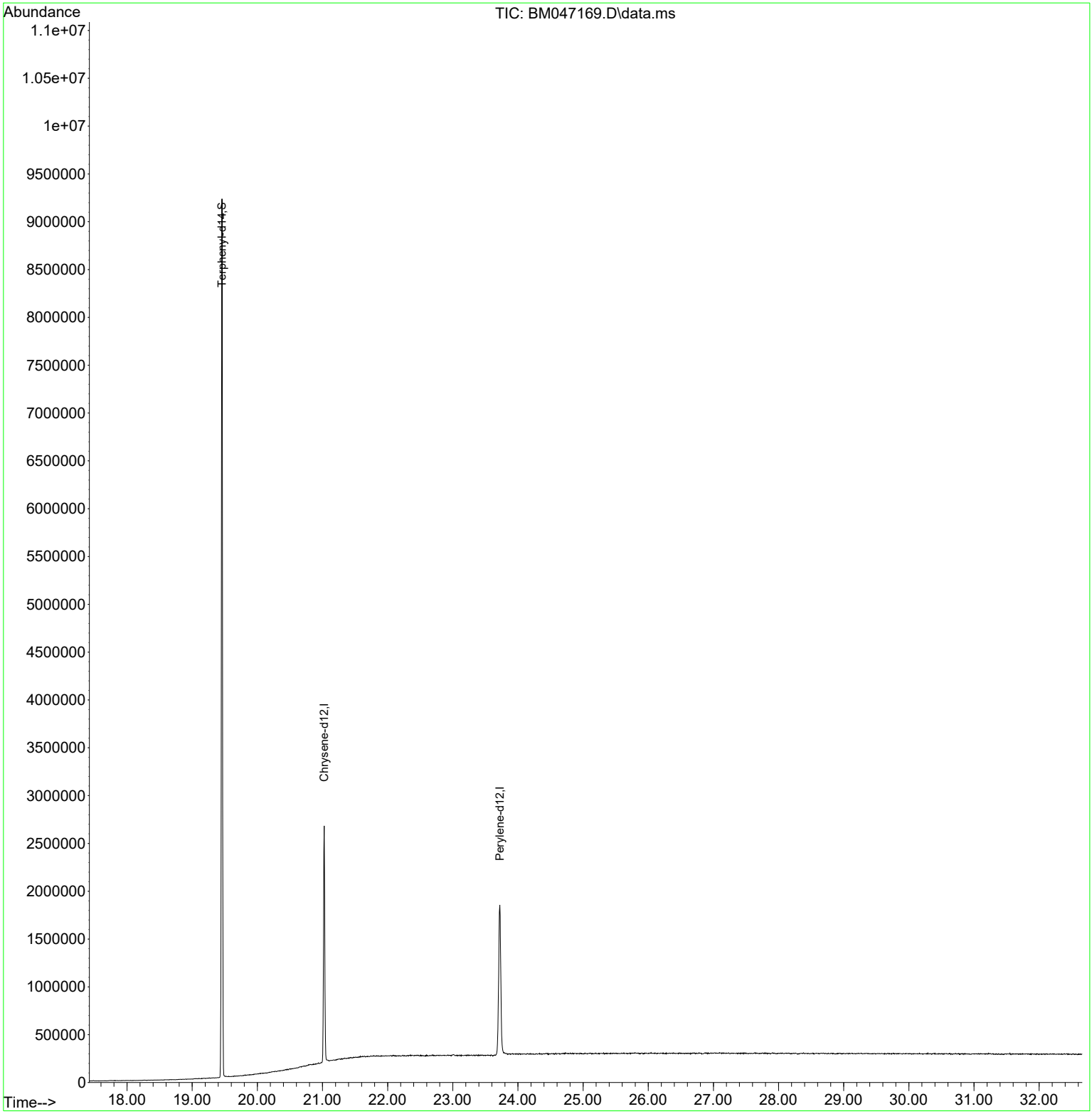
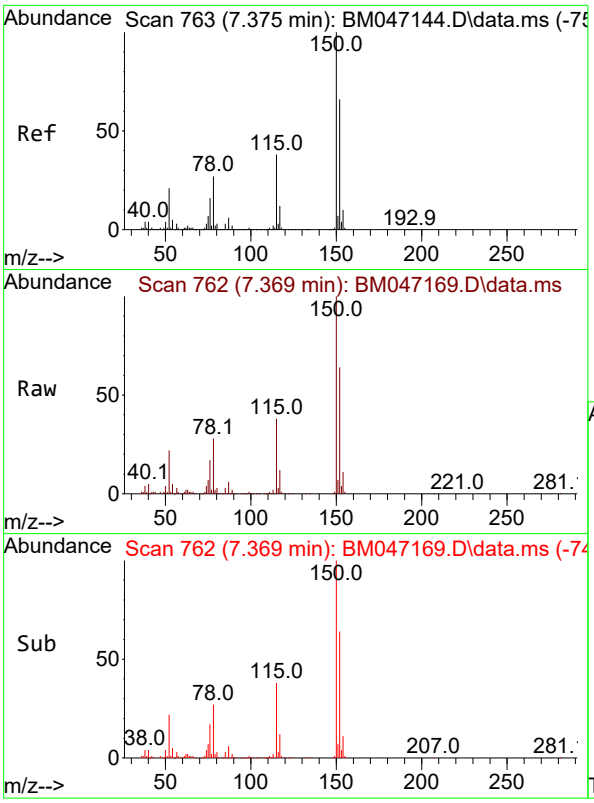


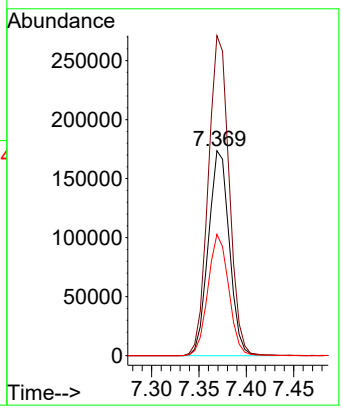


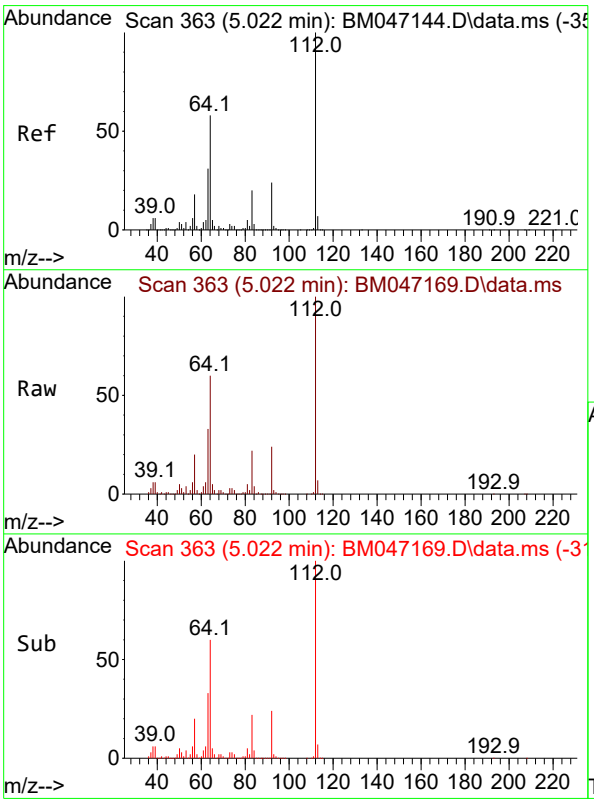
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Instrument :
BNA_M
ClientSampleId :
PB162553BL

Tgt Ion:152 Resp: 266916

Ion	Ratio	Lower	Upper
152	100		
150	156.1	120.5	180.7
115	59.1	45.5	68.3

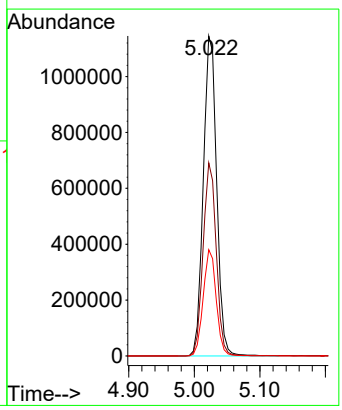


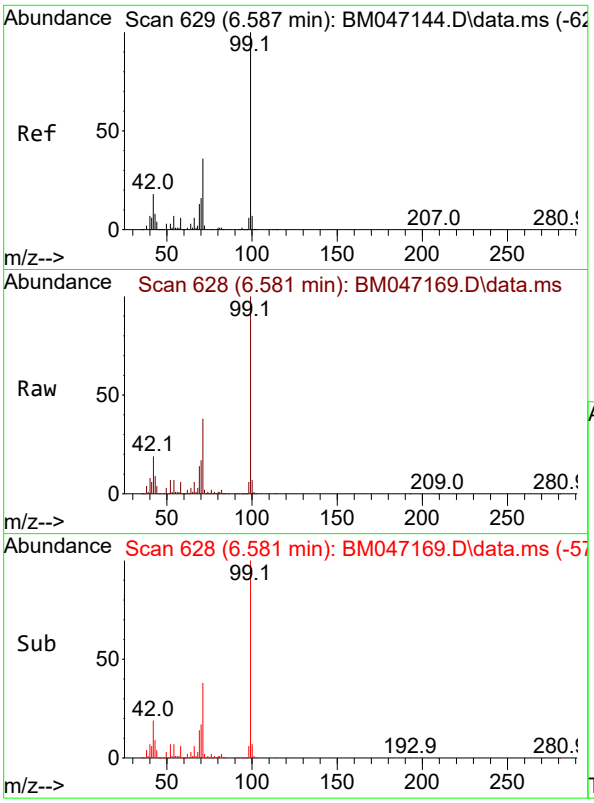


#5
2-Fluorophenol
Concen: 108.841 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Tgt Ion:112 Resp: 1625854

Ion	Ratio	Lower	Upper
112	100		
64	60.4	46.7	70.1
63	33.2	24.8	37.2



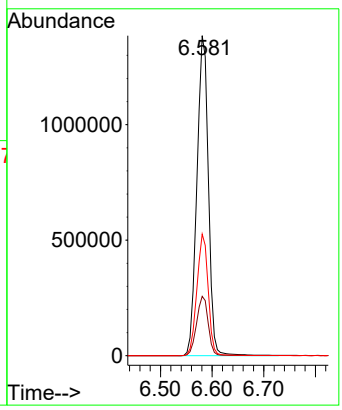


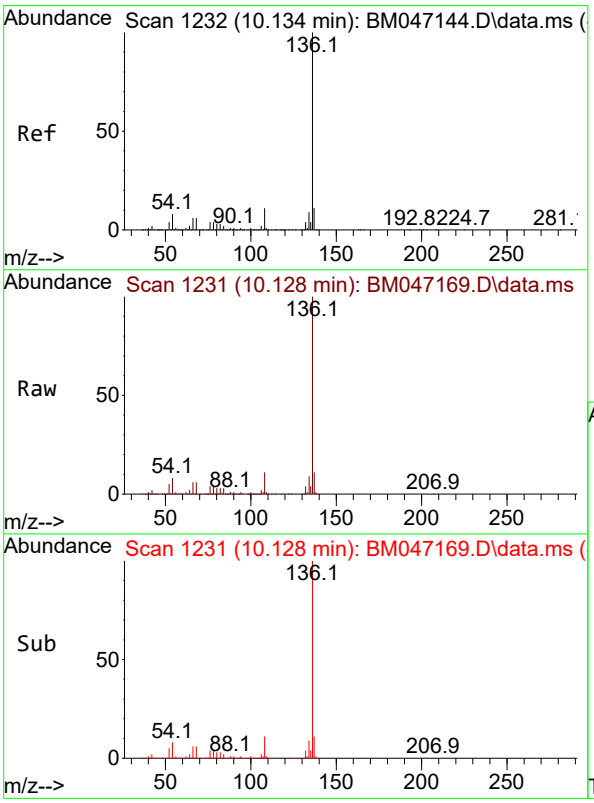
#7
Phenol-d6
Concen: 103.813 ng
RT: 6.581 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Instrument :
BNA_M
ClientSampleId :
PB162553BL

Tgt Ion: 99 Resp: 2136786

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.1	21.1
71	38.0	28.5	42.7

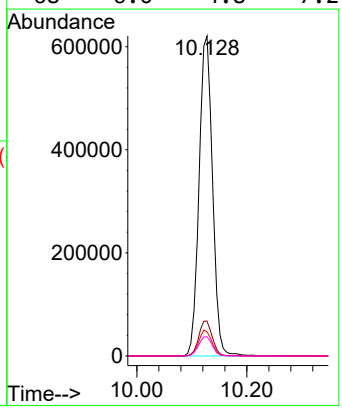


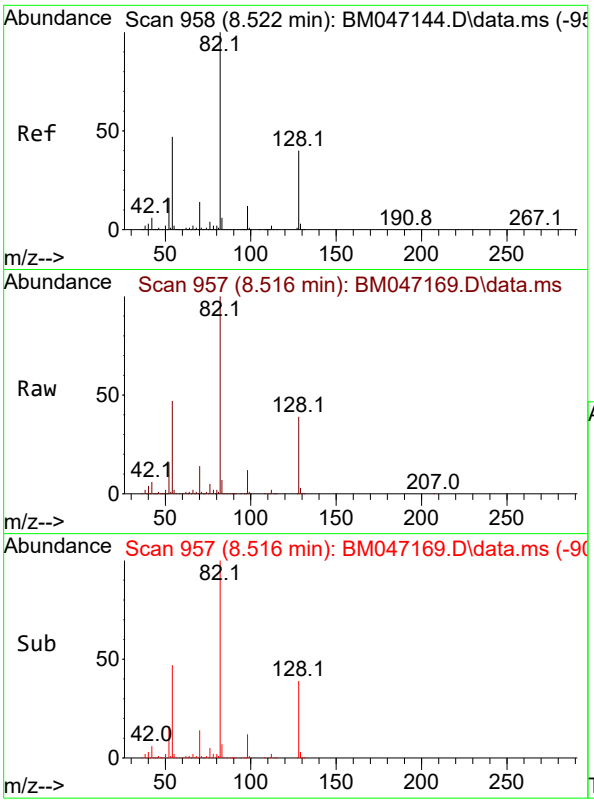


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Tgt Ion:136 Resp: 1056409

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	6.0	9.0
68	6.0	4.8	7.2



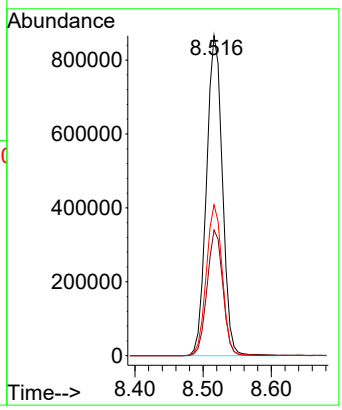


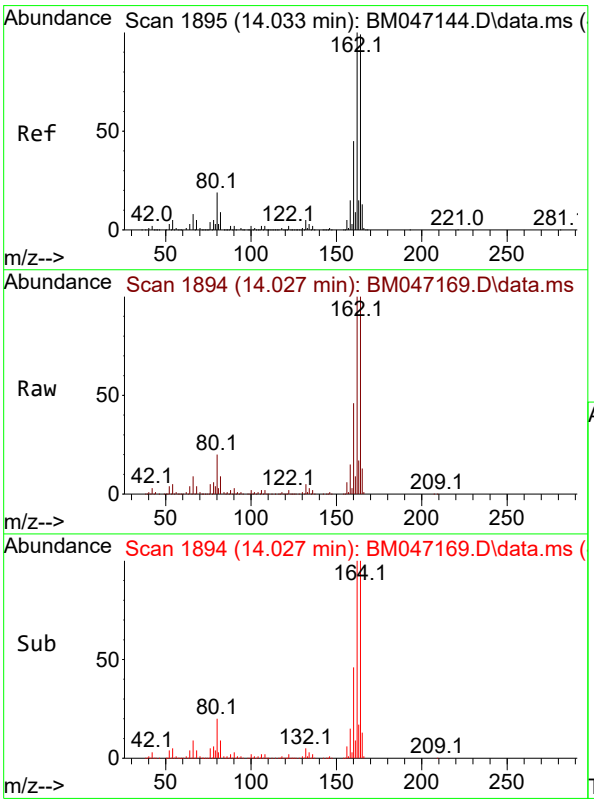
#23
Nitrobenzene-d5
Concen: 66.963 ng
RT: 8.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Instrument :
BNA_M
ClientSampleId :
PB162553BL

Tgt Ion: 82 Resp: 1404872

Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.3	48.5
54	47.2	37.4	56.2

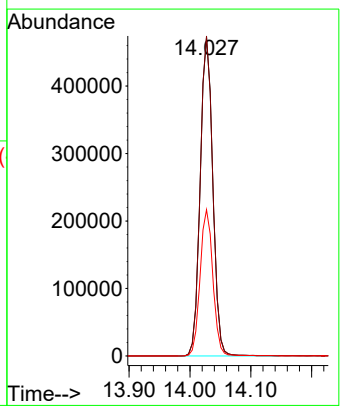


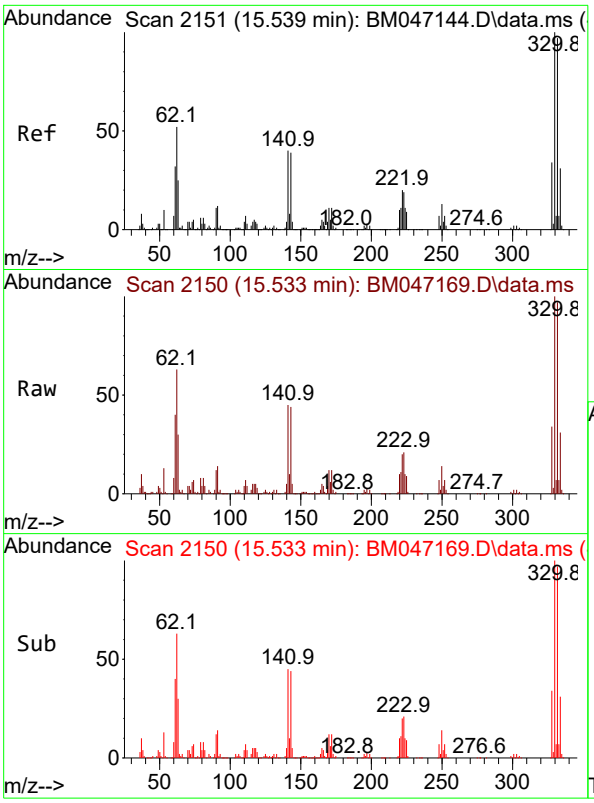


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Tgt Ion:164 Resp: 676276

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.7	121.1
160	45.9	36.0	54.0



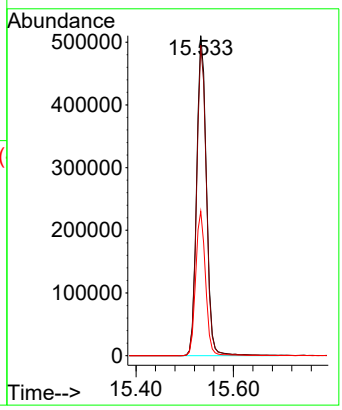


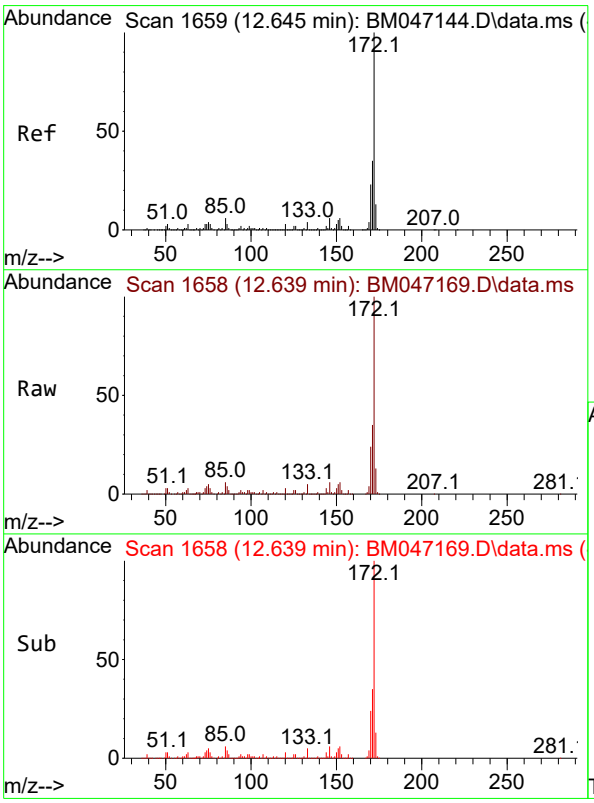
#42
2,4,6-Tribromophenol
Concen: 91.788 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Instrument :
BNA_M
ClientSampleId :
PB162553BL

Tgt Ion:330 Resp: 719760

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	45.2	31.6	47.4

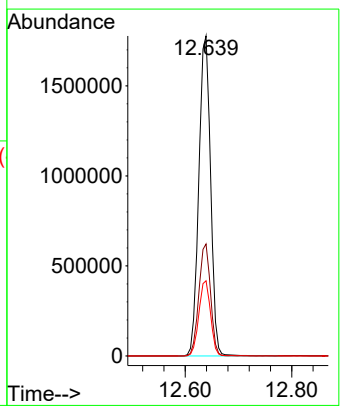


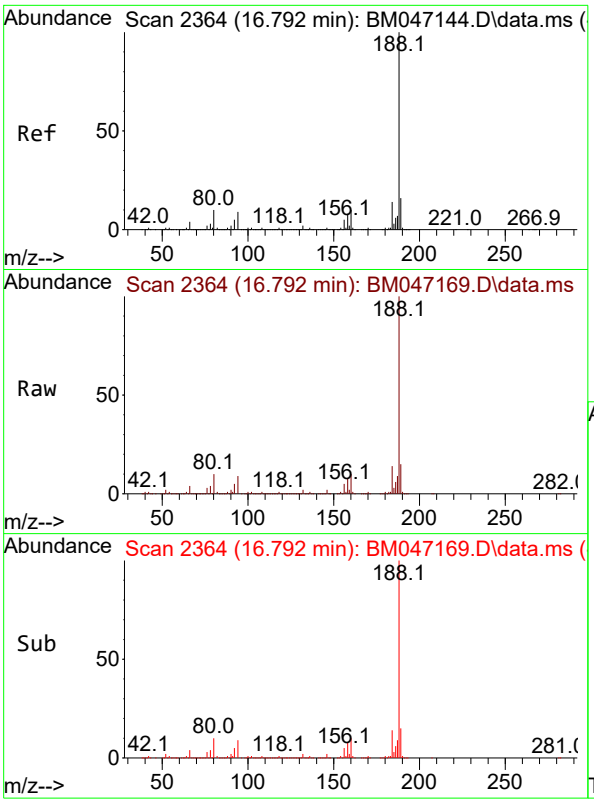


#45
2-Fluorobiphenyl
Concen: 62.056 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Tgt Ion:172 Resp: 2720643

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.5	18.7	28.1



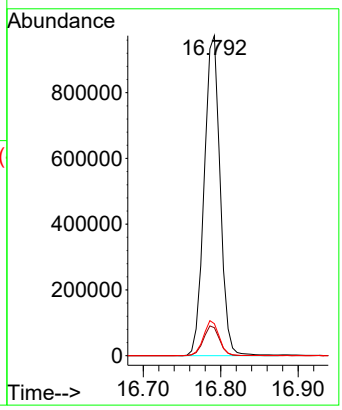


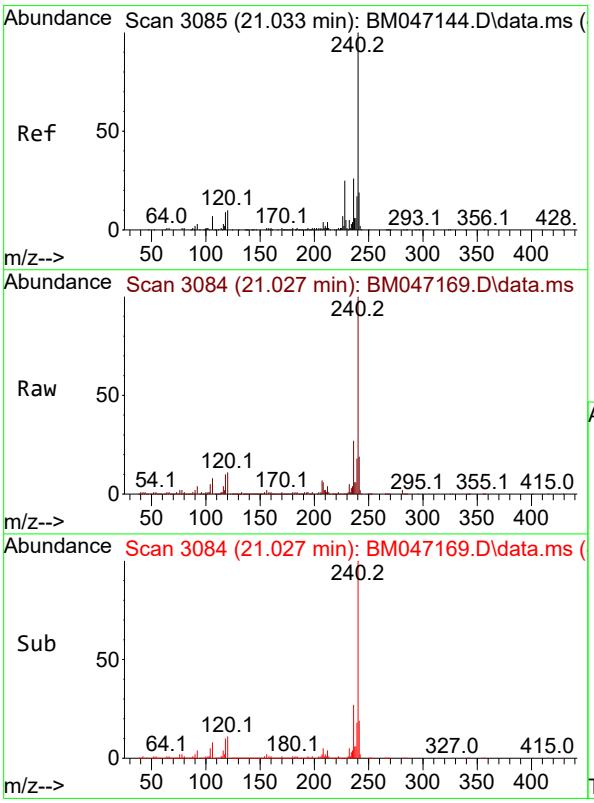
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Instrument :
BNA_M
ClientSampleId :
PB162553BL

Tgt Ion:188 Resp: 1387815

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	10.0	8.0	12.0

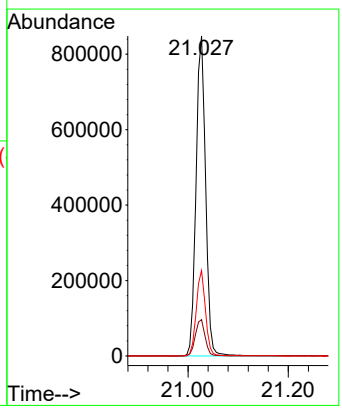


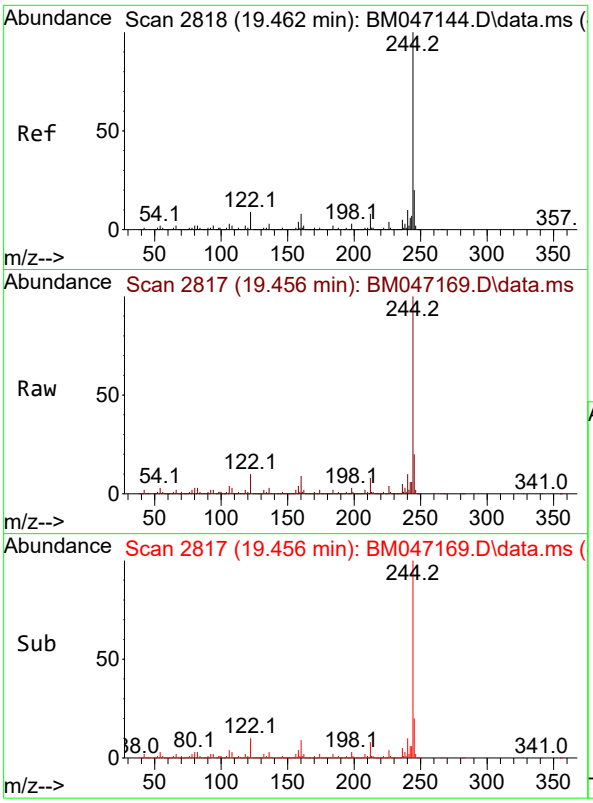


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Tgt Ion:240 Resp: 1122401

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.2	12.2
236	26.7	20.6	30.8



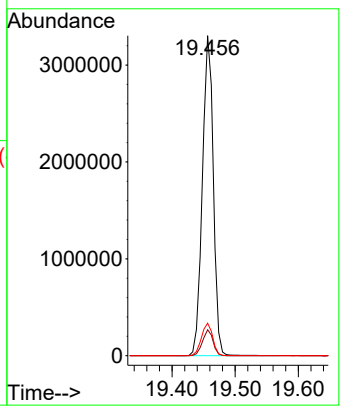


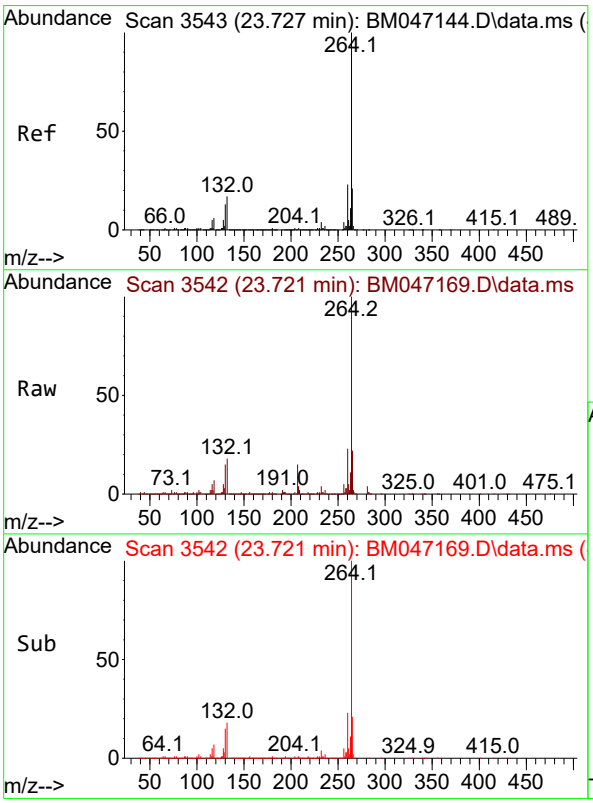
#79
Terphenyl-d14
Concen: 75.837 ng
RT: 19.456 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Instrument :
BNA_M
ClientSampleId :
PB162553BL

Tgt Ion:244 Resp: 3972397

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	10.2	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3542
Delta R.T. -0.006 min
Lab File: BM047169.D
Acq: 13 Aug 2024 10:09

Tgt Ion:264 Resp: 1330346

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.5	17.3	25.9